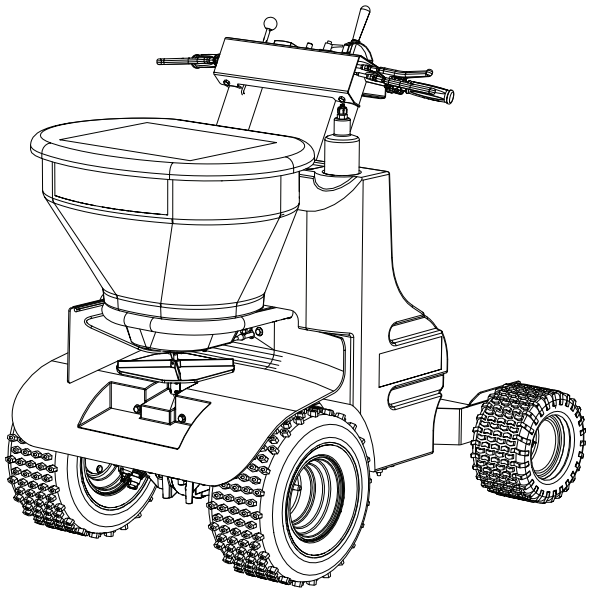
Owner / Operator's Manual

This Manual Must Be Read Before Operating The Equipment

TURFEX®

INNOVATIVE TURF SOLUTIONS



RS7200

Serial # T15-100309 and higher

TRYNEX® INTERNATIONAL

CUSTOMER COPY

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CE

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General Information

CONGRATULATIONS!

The TurfEx product you have purchased is an example of turf management product at its finest! Your TurfEx product's, self contained design is a trademark of all TurfEx products. Here's why...

SIMPLICITY: Fewer moving parts manufactured of higher quality means minimal maintenance for your TurfEx product.

RELIABILITY: High impact linear low density polyethylene hopper and tank with a custom engineered Stainless Steel frame.

VERSATILITY: Multi-use capabilities allows spreading of a variety of materials.

WARRANTY: Two years parts and labor from date of installation.

The benefits you are about to recognize are that of time, money and effort.
We welcome you to the world of TurfEx Performance.

Registration

Record the following information in this manual for quick reference.

Spreader Model Number _____

Spreader Serial Number _____ _____

Date of Purchase _____

Dealer Where Purchased _____

When ordering parts, the above information is necessary. This will help to insure that you receive the correct parts.

At the right is a diagram of the ID tag. This tag is located on the frame.

Please fill out the warranty card with all the necessary information to validate it. This will also give us a record so that any safety or service information can be communicated to you.

Introduction

This manual has been designed for your help. It will assist you and instruct you on the proper set-up, installation and use of this spreader.

Refer to the table of contents for an outline of this manual.

We require that you read and understand the contents of this manual completely (especially all safety information) before attempting any procedure contained herein. Extra copies of Owner/Operator Manuals can be purchased at your TurfEx Dealer.

THIS SIGN SHOULD ALERT YOU:
The Society of Automotive Engineers has adopted this **SAFETY ALERT SYMBOL** to pinpoint characteristics that, if **NOT** carefully followed, can create a safety hazard. When you see this symbol in this manual or on the machine itself, **BE ALERT**! Your personal safety and the safety of others is involved.

Defined below are the **SAFETY ALERT** messages and how they will appear in this manual:

(RED)
Information that, if not carefully followed,
can cause death!

(ORANGE)
Information that, if not carefully followed,
can cause serious personal injury or death!

(YELLOW)
Information that, if not carefully followed,
can cause minor injury or damage to equipment

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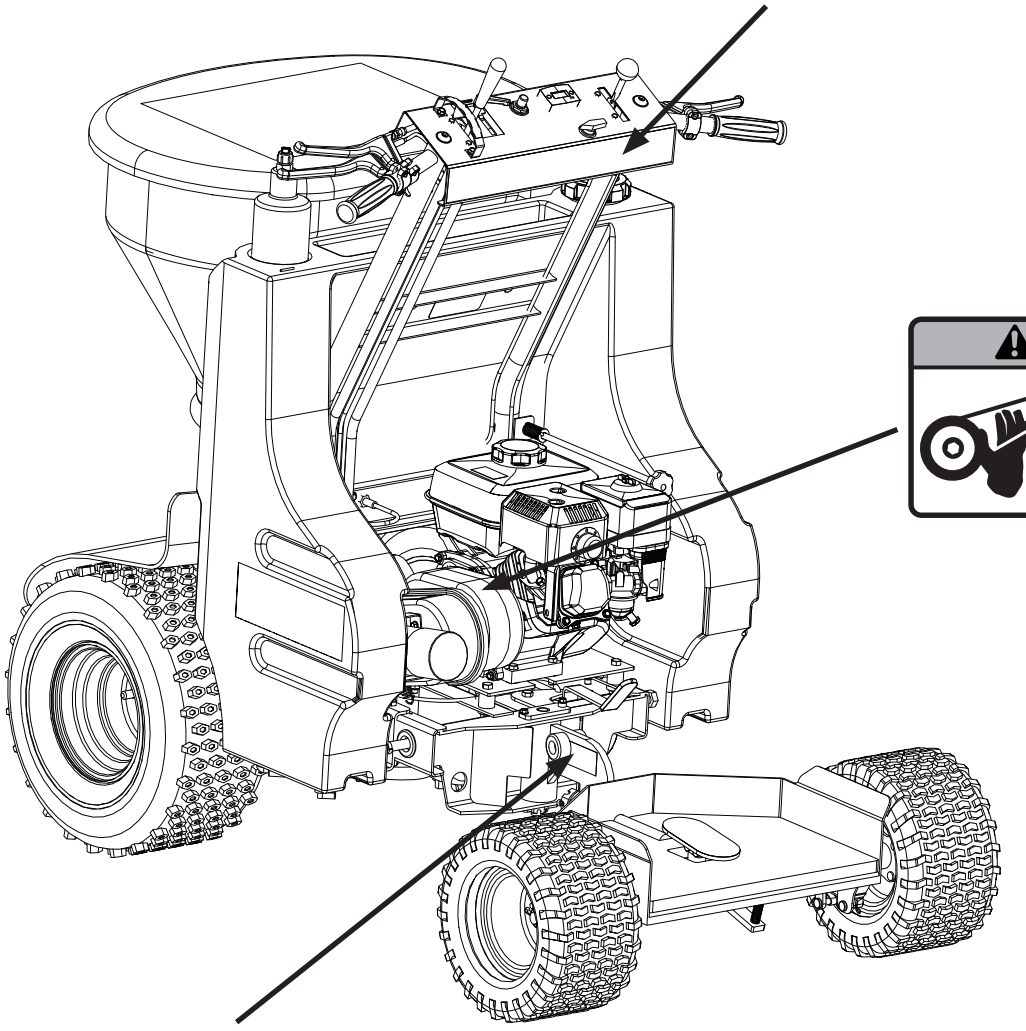
DANGER **WARNING** **CAUTION**

WARNING
• Trained operators only
• Read owner's manual before operating this equipment
• Read safety instructions
• Read all warning labels
• Adhere to eye and hand protection requirements
CO
This unit emits harmful carbon monoxide gas which can cause injury or death.
• DO NOT operate this equipment without adequate ventilation.
• See owner's manual for information regarding carbon monoxide poisoning.
Safety goggles & hand protection must be worn while operating this equipment.
• NEVER operate in areas where traction and control of unit are compromised.
Refer to Safety section of manual for details.
STARTING INSTRUCTIONS
N
1. Ensure safety lanyard is attached
2. Put shift lever in Neutral
3. Engage choke
4. Pull recoil
5. Disengage choke
For online manual scan below or go to turfexproducts.com



WARNING
DO NOT operate this equipment without factory guards in place. Contact with exposed and moving parts can result in severe injury.

WARNING **Always have safety switch lanyard attached to Operator.**

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Owner's Responsibility

To avoid injury: The owner is responsible for training himself and all other operators and mechanics. Before starting the engine and/or operating the machine, each operator must read and understand the Owners Manual. Training MUST include SUPERVISED driver's training with adequate time to practice for the Operator to become competent in operating the machine in all conditions.

It is the owners responsibility to perform the maintenance as described in the Maintenance section. The owner/user can prevent and is responsible for accidents or injuries occurring to themselves, other people or property.

WARNING

Supervised Driver's Training is Required for all Operators and Mechanics

An untrained operator or mechanic can cause an accident serious injury to himself or bystanders.

- All operators and mechanics MUST be trained. The owner is responsible for training the users.
- Driver's Training should be conducted under the direct supervision of an experienced operator.
- The Driver's Training section provides a step by step outline of what shall be covered during training.
- The trainer shall supplement the training procedures provided in the Driver's Training and Operation section with any additional instruction he deems necessary to ensure the safe operation of the RS7200. The trainer should add additional instruction as necessary to provide the Trainee with additional useful information.
- The trainer should supplement the presentation of material in the Driver's Training and Operation section with instruction and references to all WARNING messages that appear in the Safety Manual and machines Safety Labels.
- At each point where the trainee is to learn a new phase of driving the machine, the trainee MUST be provided adequate practice time to demonstrate the ability to satisfactorily control the machine while starting, stopping, turning, getting on and off, or other tasks described in that point before proceeding to the next phase.
- Initial training should take place on a flat open area free of obstructions with the RS7200 in 1st gear.
- As the trainee progresses to more advanced phases of training the degree of difficulty may be increased, but at each phase the initial training must begin on terrain that has a low degree of difficulty. This is particularly important to keep in mind when learning how to operate on inclines and slopes.
- The trainer shall demonstrate the principles covered in each phase.

WARNING

Minimum Operator Qualifications

An Operator of this machinery must meet the following qualifications:

- The operator must be an experienced professional lawn care technician with a demonstrated ability to apply fertilizer and pesticide products correctly.
- The operator must meet all state Pesticide Applicator Certification requirements.
- The operator must be at least 18 years old.
- The operator must be physically fit and able to lift 50 pounds with ease.
- The operator must weigh between 120 and 300 pounds.
- Has read and understands the information contained in this manual. Never let children or untrained persons operate or service the equipment. Local regulations may restrict the age of the operator.

WARNING

Personal Protection Equipment (PPE)

- Always read and follow Pesticide labels and MSDS sheets requirements for Personal Protection Equipment
- Wear substantial water proof footwear and tightly secure all laces and straps.
- Do Not wear shorts. Instead always wear close fitting clothing and jackets to prevent clothing from getting caught on the handle bars and other control levers.
- Wear appropriate clothing including hard hat, safety glasses and hearing protection. Long hair, loose clothing, straps, shoelaces or jewelry may get caught in moving parts.

WARNING

Safety Devices

Do Not Operate machine unless all Safety Devices are in place and in good working condition. Safety Devices include:

- Machine Safety Labels.
- Operator Presence Control/Throttle/Centrifugal Clutch. Letting go of the Throttle lever disengages power to the drive wheels.
- Front Brakes with lock. Front Brake has a spring to limit the force applied to reduce possibility of lock-up. Locked brakes are parking brakes.
- Safety Kill Switch wire is attached to operator.
- Slip Resistant footpads.
- Belt guard securely fastened.
- Neutral Safety Switch which prevents the RS7200 from starting in gear.
- Fluid filled tires which provide ballast for a lower center of gravity.

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Operation

WARNING

Avoid Serious Injury!

- Do Not change the engine governor setting or over speed the engine. The top engine speed when the machine is in Neutral is 3450 RPM. Use the electronic multifunction display to monitor the top speed and make adjustments as necessary.
- Never shift gears while the machine is moving as this may cause a rapid slowdown or stop the front wheels causing loss-of-control or a tip over. Always, stop the machine before shifting gears.
- Only operate in good visibility conditions. Avoid holes and inspect work area for hidden hazards before starting machine engine.
- Be sure the machine is in neutral and all brakes are locked before starting engine.
- Use caution stepping on or off the sulky to avoid tripping. Never use machine without sulky or operate on wet grass.
- Use extra care when operating this machinery on inclines or slopes. Be sure to refer to the Operator's Manual for specific instructions regarding operating the machinery on slopes and/or inclines. Turf conditions can affect the machine's stability. Use caution while operating near drop-offs or other hazards.
- Never operate with the guards not securely in place. Be sure all interlocks are attached, adjusted properly, and functioning properly before starting the engine.
- Stop on level ground, lock all brakes, shut off engine and shift into neutral before leaving the operators position for any reason.
- Keep hands, feet,clothing and loose objects away from moving parts and pinch points.
- Never carry passengers. Keep a safe distance between the machine and all third parties.
- Slow down and use caution when making turns and/or crossing roads and sidewalks.
- Do not operate the machine under the influence of alcohol or drugs.
- Use care when loading or unloading the machine into a trailer or truck.
- Avoid distractions, including but not limited to cell phones and mp3 players, while operating this machine. Operators must concentrate and focus on the safe use of this machinery at all times.
- Keep a firm hold on the handle bars at all times.
- Do Not touch hot muffler while running or after shutdown.
- Wear eye protection and necessary Personal Protection Equipment (refer to Pesticide Label) when using compressed air or water to clean the machine.

Inspecting Work Area

WARNING

Prior to operating, carefully inspect the work areas for hazards or uneven ground that may hidden in the grass.

- Clear the work area of moveable objects such as branches, wires, rocks, glass etc. That may interfere with the machine.
- Mark the location of all immovable objects or irregular areas.
- Avoid hitting obstacles such as holes, abrupt changes in ground contour, branches, stumps, roots, protruding pipes, paving edges, etc. that could unexpectedly turn, stop, or upset the machine possibly throwing you off, into or over the handle bars causing serious injury or death. **The faster you are moving, the more potential there is for injury.**
- Keep away from drop-offs, the edges of ponds, streams, pools, etc. especially at the bottom of slopes.

Evaluate the terrain.

- Determine what accessories and attachments are needed to properly and safely perform the job. Only use accessories and attachments approved by the manufacturer.
- Study the terrain and plan a safe operating pattern. If no safe operating pattern exists Do Not attempt to drive the RS7200 in that area.
- If hills are present, refer to additional Warnings in Hillside Operation in this section.

Evaluate the Turf Conditions.

- Do Not operate if conditions are wet or there is low light.

Fuel Safety

WARNING

Use extra care when handling gasoline and other fuels. They are flammable and vapors are explosive.

- Always shut off fuel valve when transporting or storing the machine.
- Never remove gas cap or add fuel when engine is running or hot. Allow it to cool first.
- Do Not smoke and stay clear of any sparks or open flames.
- Never refuel or drain the machine indoors. Move machine out doors instead.
- Clean up fuel spills immediately. Do Not attempt to start the machine near a fuel spill. If fuel is spilled on clothing; Do Not attempt to start the machine, stay away from open flames, sparks or other sources of ignition, and change clothing.

The engine gives off carbon monoxide, a poisonous gas.

- Do Not run engine in an enclosed area or indoors.

Prevent fires.

- Keep engine clean and free from debris.
- Clean up spilled fuel.
- Check and repair leaking fuel lines, fittings and cap.
- Do Not park near an open flame or other source of ignition, such as a furnace or water heater.

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Inspect Machine before each use

WARNING

Examine the machine prior to each use. Do Not use the machine if any parts are not in good working condition.

- Check for worn tires, cracks in parts, loose or missing bolts,cotter pins etc. and replace or repair before operating.
- Make sure all safety devices are present and in good working order, including all the safety labels, Shields, Brakes, the Neutral Safety Switch System, and Throttle/Centrifugal Clutch which disconnects the power to the drive wheels when released. (To test the Brakes, Neutral Safety Switch System, and Throttle/clutch, follow instructions in the Driver's Training and Operation section of this manual.)
- Make any necessary repairs or adjustments before starting the engine and/or operating the machine.

Engine Starting Safety

WARNING

Do Not attempt to start the machine if any of the following apply:

- You are in a confined space.
- You or someone else could be trapped between the machine and a solid obstacle should the machine unexpectedly move upon startup. Remember to check for low hanging obstacles such as tree branches, clotheslines, etc.
- You are not certain of firm, dry, level footing to prevent loss of balance

Before attempting to start engine:

- You must move the machine to a solid, level, dry, open area before starting the engine.
- Verify the machine is in Neutral. The machine rolls forward easily in neutral.
- Lock front brake and apply the sulky brake.
- Do Not operate the Throttle.

Do Not attempt to start or operate the machine if:

- The Neutral Safety Switch System or any other safety device is not working.
- The Throttle/Clutch does not move freely and automatically and rapidly return to the idle position.
- The idle engine speed exceeds 1650 RPM upon starting.
- The machine unexpectedly moves upon starting or when shifting gears.

Avoiding slipping or tripping injury

WARNING

Use caution when riding on, and getting on and off the RS7200.

- Keep a firm grip on the handles with both hands.
- Stand only on the footpads. .
- Keep footpads clean.
- Replace worn or damaged footpads.

Forward Operation

WARNING

Loss-of-control may cause death or serious injury.

- Always keep a firm grip on the handlebars with both hands.
- Operate the machine in 1st Gear until you become familiar with it.
- Never operate the machine at a greater speed than is reasonable in light of the conditions presented.
- Only operate in 1st Gear on slopes, inclines, bumpy ground, or high grass.
- Avoid sudden starts, stops and turns as they may cause you to lose your balance and be thrown from the machine.

Reverse Operation

WARNING

Loss-of-control may cause death or serious injury.

- Always keep a firm grip on the handlebars with both hands.
- Do Not back up if there is a possibility you or a bystander could become trapped between the machine and an immovable object or barrier.
- Always look behind and down before backing up to be sure of a clear path.
- Always look behind and up before backing up to be sure the path is clear of low hanging obstacles such as tree branches, clothes lines, and low doorways.
- Use extra caution backing up when in an enclosed area.
- Backup slowly, until you become familiar with how the machine handles.
- Never coast backwards. Instead back up under power and in Reverse Gear with the Throttle engaged using the brakes as necessary.
- Use extra caution backing from an awkward location or position.
- Keep both feet firmly on the footpads whenever possible.
- Backing up while in the walking position is hazardous and in most cases can and should be avoided. However, when backing up from the walking position is unavoidable (such as when unloading the machine from a trailer), use extreme caution.

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WARNING **To avoid Loss-of-control, Tip-over, and Rollover**

Loss-of-control, tip-over or rollover may cause death or serious injury. This machine has a high center of gravity and turf conditions affect stability. Slopes are a major factor in loss-of-control, tip-over, and rollover accidents.

- Never shift gears while the machine is moving as this may cause a rapid slowdown or stop the front wheels causing loss-of -control or a forward tip over. Instead, bring the machine to a complete stop before shifting gears.
- Study the terrain before beginning work and plan a safe operating pattern. If the area at issue will not accommodate a safe operating pattern, Do Not attempt to drive the RS7200 in that area.
- Do Not operate on slopes or inclines where traction and stability are doubtful.
- Do Not ride on slopes exceeding 15 Degrees. Read Machine Safety Label and Safe, Balance Zone, sections for details on estimating 15 degree slopes before starting or operating the RS7200.
- Never operate on wet slopes.
- Look for holes, ruts, rocks, and other hidden hazards in the work area before starting work. Uneven terrain can overturn the machine. Tall grass can hide hazards.
- Do Not operate near drop-offs, ditches, or bodies of water.
- Keep a firm grip of the handlebars with both hands at all times.
- Slow down and lean into turns for better balance and to transfer your weight to the inside wheels to prevent loss-of-control, tip over, or rollover.
- Tires with excessively worn tire tread are dangerous on slopes or inclines. Replace tire(s) with less than 1/4" of tread remaining. Only use liquid filled tires supplied by TurfEx. Maintain tire pressure at 12 PSI. Higher pressures will cause the tires to lose traction and under inflated tires will cause instability.
- Do Not attempt to climb over curbs and parking blocks while operating the RS7200 at a high speed as this may cause a forward tip-over.
- To help avoid Loss-of-control, tip over, and rollover, use extreme caution on inclines, and slopes and:
  - Use 1st Gear to provide improved traction and a slower ground speed.
  - Travel across the grade. Begin at the bottom of the slope and work your way up.
  - Avoid traveling straight down a slope. When descending a slope, zigzag or slalom across the grade gradually downwards using the brakes to slow the machine.
  - Lean uphill at all times to provide better balance and to transfer weight to the uphill tires.
  - Slow down and avoid sharp turns and sudden starts and stops.
  - Reduce the amount of granular and liquid products carried.
  - Apply rear brakes first and then front brakes.

Operate the RS7200 as a walk-behind unit in situations where loss -of-control, tip-over, or rollover is possible.

When traveling up a **slope,** be aware that the **drive tires** have **reduced traction** and there is greater risk that the machine could tip backwards.

Recommendations for driving up an incline or slope:

- Lean forwards to provide better balance and to transfer more weight to the front drive wheels. Refer to the driver's position illustrations in Driver's Training and Operation section of this Manual for details.
- Accelerate gently. Accelerate slowly. Accelerating too quickly may result in a loss of traction.
- Do Not make sharp or quick turns. Making sharp or quick turns may cause you to lose your balance and be thrown off the machine or cause a side rollover.
- In areas of poor traction, operate the machine as a walk behind unit.
- If you experience a loss of control while driving the machine on an upward slope, lower the handlebars as you step backwards off the operator's platform and apply the brakes. Once the brakes are applied, take corrective action.
- Backing down a slope is a hazardous maneuver which should be avoided. To avoid backing down a slope; stop the machine, apply the brakes, step off the Driver's platform, steer the front of the machine across the grade, and gradually engage the Throttle/Clutch. If backing down a slope is unavoidable (such as when unloading the machine from a trailer), use extreme caution. Read Safety Manual Warning 13, Reverse Operation, for details on backing up.

When pointing downhill, the weight and traction is transferred to the front drive wheels. Avoid driving the machine at this angle as the machine may tip over.

Recommendations for driving downhill:

- Lean backwards as you travel downhill to provide better balance for you and transfer more weight to the rear wheels. If necessary, extend your arms and squat down backwards with arms extended to transfer more weight further to the rear.
- Do not change speed suddenly. Do Not accelerate. Decelerate gently by applying the rear brakes first, followed by the front brakes.
- Use extreme caution when turning. Do Not make sharp turns as you may lose your balance and/or be thrown from the machine or lose control. When making turns, slow down and make gradual turns.
- Zigzag or slalom slowly and gradually downhill traveling across the grade using both brakes to slow your speed. The steeper the slope the more gradual the slaloms should be between the switchbacks.
- Avoid any obstacles that could suddenly stop the front wheels causing a tip over.
- If you ever lose control while driving down a slope, let go of the handles and jump off to the rear, if necessary.
- Backing uphill is a risky maneuver which should be avoided. To avoid backing uphill; stop the machine, apply the brakes, step off the Driver's platform, steer the front of the machine across the grade, and gradually engage the Throttle. When backing uphill is unavoidable, use caution. Read Safety Manual Warning "Reverse Operation", for details on backing up.

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WARNING **To avoid Loss-of-control, Tip-over, and Rollover (cont'd)**

When pointing across an incline, slope or hill sideways, the weight distribution between the front drive wheels and the rear wheels is similar to level ground. However, more weight is transferred to the lower wheels which may cause the machine to rollover towards the downhill side. This is the preferred angle for driving on gentle slopes.

Recommendations for driving across a hillside:

- Lean uphill to provide better balance for you and transfer more weight to the uphill wheels.
- Do Not change speed suddenly.
- Do Not make sharp turns as you may lose your balance and be thrown off the machine or loose control. When making turns, slow down and make gradual turns. The machine also has a tendency to rollover when performing this maneuver.
- Avoid making downhill turns as the machine will accelerate through the turn making it more difficult for you to keep your balance and control over the machine so as to prevent rollover.
- Avoid any obstacles that could suddenly pitch the front uphill wheel upwards causing a rollover towards the downhill side.
- If you ever loose control while driving across a slope let go of the handles and jump off to the uphill side of the machine, if necessary.

Backing up across the grade is a maneuver which in should be avoided. To avoid backing up; stop the machine, apply the brakes, step off the Driver's platform, steer the front of the machine in the desired direction, and gradually engage the Throttle. When backing up is unavoidable, use caution. Read Safety Manual Warning "Reverse Operation", for details on backing up.

WARNING **Transporting**

Driving up and down ramps is hazardous. The risks include tip-over, rollover, loss-of-control, and back-over.

Use extreme caution when driving the RS7200 onto and off of a Transport, (such as a vehicle, carrying rack, or trailer).

- When loading and unloading, park the Transport on level pavement well away from puddles, obstacles, and curbs that may cause the operator to lose his footing or become entrapped. Allow adequate room for the ramps to be deployed and the machine and operator to come straight on or off the Transport platform and ramps.
- To prevent a ramp from slipping out from under the machine, make sure the ramp is securely fastened to the Transport platform and the ramp and machine wheels are properly aligned with each other.
- Never unload a RS7200 by shifting it into Neutral and allowing it to freewheel backwards down a ramp. Rather, the driver must start the RS7200 while on the Transport platform, shift the engine into Reverse, and inch the machine down the ramp under power using the brakes as necessary. Read Safety Manual Warning "Reverse Operation", for required precautions while operating the RS7200 in reverse.
- If there is not adequate standing room for the operator on the Transport platform, the machine should be started while the operator is standing on the ground.
- If an enclosed Transport is used, use extra caution starting and operating the RS7200 inside the enclosure.

Transporting the machine over the road can be hazardous. The risks include but not limited to traffic accidents, failure of Transport system, and ejection of the machine from the Transport.

Transporting the RS7200 requires a heavy duty Transport capable of safely carrying a fully loaded RS7200 weighing 700 lbs plus the weight of all materials carried on the transport.

- Follow other Transport manufacturer's precautions and always use all safety devices provided.
- DO NOT overload or unbalance the Transport or hitch.
- Use only heavy duty ramps with a minimum width of 8.5 inches and an anti-slip surface capable of supporting 1000 lbs. or the combined weight of the machine and driver whichever is greater. The ramp angle must be 15 degrees or less.
- To prevent the machine from being thrown from the transport, always secure the machine to the Transport's platform. Use securing devices provided by the manufacturer or securing devices each securing device or all securing devices together must have a minimum load rating of 1,400 lbs. Elastic straps and similar devices are NOT to be used.
- Check Transport, ramps, hitch, and securing devices each time they are used.
- Check carefully for cracked welds or cracked parts, loose or missing hardware, excessive wear or damage, or missing or nonworking safety and securing devices.
- When a carrying rack is used, check for damage caused by the rear edge dragging or bottoming out on the pavement. This can result in structural failure of the rack, hitch and vehicle frame or hardware.
- Do Not use the Transport if it is not in good working condition. Make necessary repairs or replacements before using.

WARNING **Check Wheel Fasteners**

If wheel fasteners are not tight, a serious accident may occur.

- Check wheel fastener tightness frequently during the first 10 hours of operation.
- After loosening any wheel fasteners, frequently check their tightness for the next 10 hours of operation.

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Parking

WARNING

Anytime you leave the operator position, you must:
Stop on level ground.

- Turn off the engine.
- Lock Brake Lever.
- Shift into Neutral

Never leave the machine unattended on an incline or slope where someone could disengage the brakes and the machine could roll.
When leaving the machine unattended, close fuel shut off valve.

Tire Safety

WARNING

Tires are filled with pressurized windshield washer solution to provide ballast for a lower center of gravity. Explosive separation of rim and tires may cause serious injury.

- DO NOT remove fluid from tires.
- All replacement tires must be fluid filled.
- Wear a face shield when checking, filling, and repairing fluid filled tires.
- Do not attempt to check, repair or replace fluid fill tires without the proper equipment.
- Use a clip-on chuck and extension hose. Stand to the side of the tire when filling.
- Always maintain tire pressure at 12 PSI. Do not under or over inflate tires.
- Rear tires have split rims. Release tire pressure prior to loosening any nuts or bolts.
- Never weld or heat the tire/rims as this could cause a tire explosion or structural damage to the rim.
- Check tires often for cuts, wear, bubbles and missing or loose lug nuts. Check pressure often.
- Fix or replace worn or damaged tires, rims, and hardware.
- Always replace tires with genuine TurfEx liquid-filled tires and rims.

Maintenance and service

WARNING

Improper maintenance can cause serious injury.

- Lock brakes, stop engine and disconnect spark plug wire. Wait for all movement to stop before adjusting, cleaning or repairing .
- Clean grass and debris from drives, mufflers, and engine to help prevent fires. Clean up oil or fuel spillage.
- Let engine cool before storing and do not store near flame.
- Shut off fuel while storing or transporting. Do not store fuel near flames or drain indoors.
- Park machine on level ground. Never allow untrained personnel to service machine.
- Use jack stands to support components when required.
- Carefully release pressure from tires and spray system.
- Remove spark plug wire before making any repairs.
- Keep hands and feet away from moving parts. If possible, do not make adjustments with the engine running.
- Keep all parts in good working condition and all hardware tightened.
- Replace all worn or damaged Machine Safety Labels.
- Replace worn or damaged footpads.
- Perform all scheduled maintenance as directed in the Service Manual

Pesticide Safety.

WARNING

The improper use, handling, application, and disposal of pesticide products applied by this machine may cause death or serious injury.

- Read and follow product label and Material Safety Data Sheet (MSDS) precautions for handling, mixing, applying, and disposing of pesticides applied by this machine. Some materials may present health hazards that will require the use of Personal Protective Equipment (PPE). Always wear required PPE.
- Keep required PPE available for use by the operator or mechanic at all times.
- Keep pesticide labels and MSDS available for the operator or mechanic at all times.

Handling and disposal of hazardous waste products.

WARNING

Dispose of all hazardous waste products properly.

- Clean up hazardous waste spills immediately.
- Refer to the Pesticide Label for proper handling and disposal instructions.
- Refer to MSDS for proper handling and disposal instructions.
- Wear the Personal Protective Equipment specified on MSDS and Pesticide Labels.
- Before disposing of hazardous waste check with your local regulatory agency.

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Specifications

Model # RS7200

ENGINE

- Engine Model: Honda GX Series
- RPM: Full speed: 3450 rpm (no load) Idle: 1400 rpm.
- Centrifugal Honda™ wet clutch with 2:1 reduction.
- Speed: 3.5mph (1st Gear) 5.0 mph (2nd Gear)
- Fuel tank: 0.82 gal Honda fuel tank on engine
- Type of fuel: Regular unleaded gasoline.
- Fuel shutoff valves: Located on engine and below tank.

TRANSMISSION

- Transmission Model: Peerless 855-001C. (reverse, neutral and 2 forward gears)

TIRES AND WHEELS

- Front tires: 18 x 950 – 8, Windshield Washer Solution added for ballast and traction.
- Rear tires: 13 x 650 – 6 Windshield Washer Solution added for ballast and traction.

SPREADER

- Capacity: 150 lb.

SPRAYING SYSTEM

- Spray Pump: Flo-jet™ 2GPM belt-driven diaphragm pump.
- Tank: 17.0 gallon (64.4 L) capacity.
- Nozzles: 1.0 GPM Broadcast Polymer and 1.5 GPM Broadcast Polymer, 0.8 GPM Fan ER Polymer and 1.0 GPM Fan ER Polymer (trim).
- Spray Patterns: 6’ to 11’ wide pattern for general spraying, 3’ narrow pattern for trim spraying.
- Spray Pressure: Regulated to 25 psi to match ground speed with tip output.
- Spray Rate: Adjustable from 1/4 to 1/2 gallon per thousand square feet.

DIMENSIONS

- Overall length: 60.0”.
- Overall width: 35.5”.
- Overall height: 55.0”.
- Weight: 415 lb. dry, 700 lb. full, 900 lb. full with 200 lb. rider.

ELECTRICAL SYSTEM

- Safety interlock system: This machine is equipped with a neutral safety start module. To start the engine, the transmission must be in the neutral (N) position.

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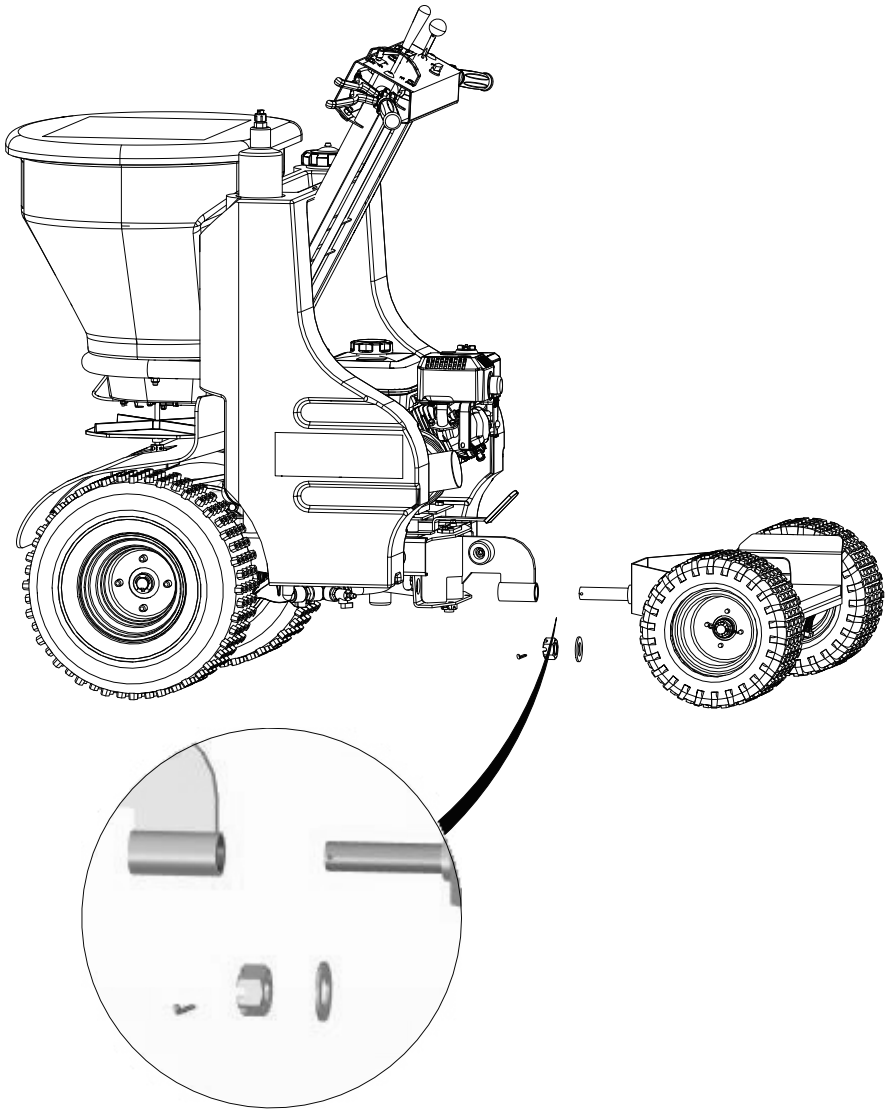

1) Align Sulky with Pivot and fasten with (1) D4321 Washer, (1) F50209 Slotted Hex Nut and (1) D5919 Cotter Pin (as shown above). Make sure to grease before use.

2) Fill engine and clutch with oil before use. (Refer to the Honda Manual)

3) Tune engine to 3450 rpm's before using. (Refer to the Honda Manual)

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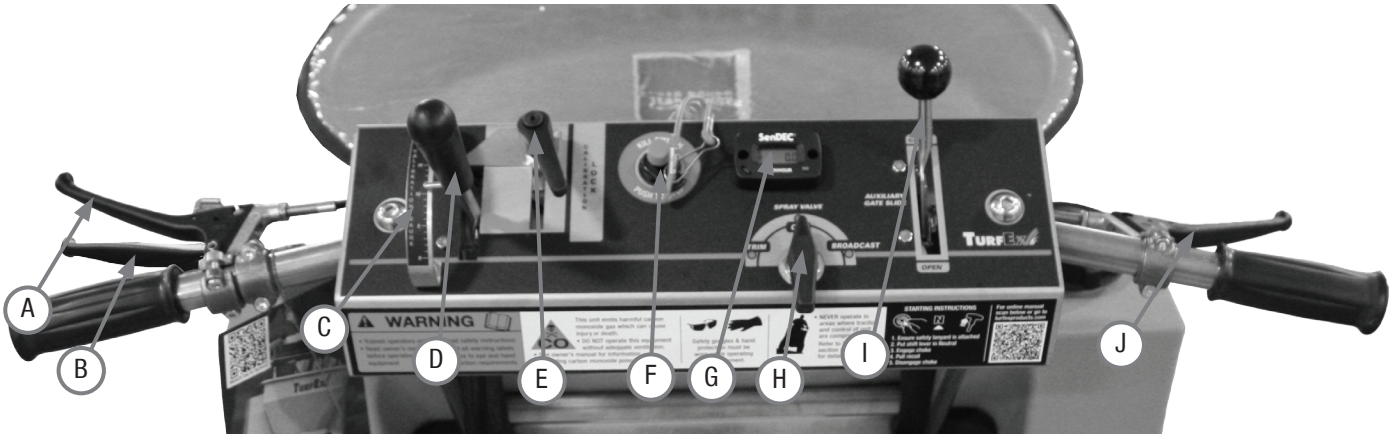
WARNING

Do Not attempt to start or operate this machine until you have read and are thoroughly familiar with this Operator's Manual. **Read it now before Beginning**. All operators and mechanics must be trained before operating this Machine.

DASHBOARD CONTROLS



A. Spray Control Handle opens a valve when spraying is desired. Like the Brake Levers it has a lock to permit continuous spraying. Additional details about the spray controls will be provided in the Sprayer Operator section of this manual.

B. Brake Handle with Lock controls the front brake on the Transaxle. Pulling the lever activates the Front Brake. The Front Brake Lever can be locked in the pulled position by pushing the lock button on the lever with your finger. The Lock is automatically released by pulling the lever again. A Spring controls the amount of force applied to the Front brake.

C. Main Gate Indicator

D. Main Gate Control

E. Main Gate Indicator Lock

F. Safety Shutdown Switch (WARNING Be sure lanyard is attached to operator at all times) turns the engine off and permits it to be started. It is part of the Neutral Safety Switch System to prevent the Machine from starting in Gear.

G. Hour & RPM Meter to monitor RPM's and Hour's for Maintenance.

H. Spray Control Knob

I. Auxiliary Gate Control opens and closes the pattern adjustment Slide Plate below the spreader's Third-Hole (left hole looking from the Operator's position). It is to be closed whenever the Deflector is lowered to reduce the amount of granular product distributed to the right side of the machine. It also functions in the partially closed position to balance the spreader pattern. Pulling the lever rearwards closes the Third-Hole.

J. Throttle Control Lever the Lever controls engine speed. The engine speed increases as the lever is pulled and the Centrifugal Clutch automatically engages sending power to the Transaxle though a belt and pulley system. Releasing the Throttle Lever decreases engine speed and disengages power to the Transaxle.

NOTE: The Brake Control and Spray Control Levers can be alternated to match operator preferences.

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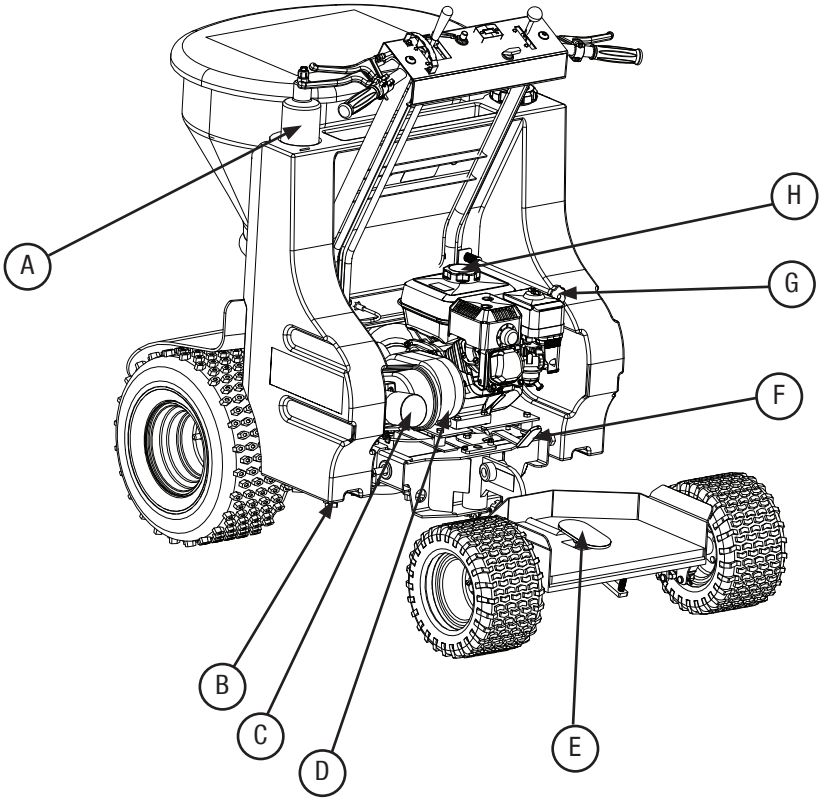
MACHINE CONTROLS – REAR VIEW



A. Spot Spray Bottle for hard to reach areas.
B. Tank Clean Out conveniently located for ease of draining.
C. Manual Tube to store manuals for machine.
D. Belt Guard to protect operator from moving parts.
E. Sulky Brake
F. Shift Lever
G. Material Deflector Lever to operate side deflector.
H. Fuel Cap

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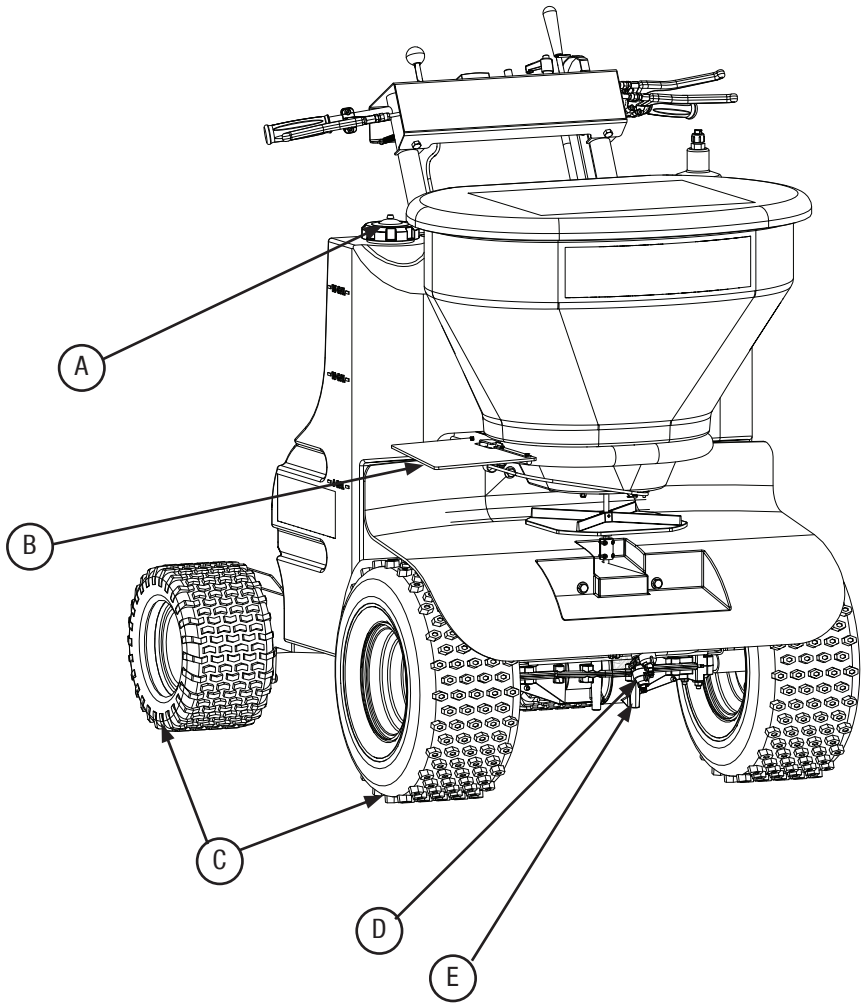
MACHINE CONTROLS – FRONT VIEW



A. Tank Lid
B. Material Deflector
C. Fluid Filled Tires
D. Broadcast Nozzle
E. Trim Nozzle

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Adding gasoline.
Move the machine outdoors, and
- Emphasize fuel handling safety.

Read Safety Manual WARNING "Fuel Safety", before adding gasoline. Use extra care when handling gasoline.

Inspect the machine before each use.
In addition to the steps in Safety Manual Warning "Inspect Machine before each use":
- Check and adjust as necessary the Spray Nozzle alignment and pattern.
- Check and adjust the Spreader Control settings as necessary.

Read Safety Manual WARNINGS: "Inspect Machine before each use"; "Check wheel fasteners"; "Tire Safety", each before starting or operating the machine.

Starting, stopping, and parking the machine.
Read Safety Manual WARNINGS:"Engines starting Safety"; "Parking", before starting or operating the machine.
To start engine:
- Locate machine on a flat, level area free from obstacles and bystanders.
- Shift into Neutral.
- Lock Brake Lever.
- Make sure safety switch lanyard is attached.
- Choke engine if necessary.
- DO NOT pull Throttle Lever while starting.
- Pull Starter.

To stop engine:
- Lock front Brake Lever
- Shift into Neutral
- Push Kill Switch.

To park machine
- Stop on level ground.
- Lock Brake Lever
- Shift into Neutral
- Push Kill Switch.
- When leaving the machine unattended, close Fuel Valve.

Proper shifting techniques.
IMPORTANT: Excessive force applied to the Shift Lever can cause internal Transaxle damage and other damage which is not covered by Warranty.
WARNING: Never shift gears while the machine is moving as this may cause a tip-over or loss-of control.
To Change gears:
- Release Throttle.
- Bring the machine to a complete stop.
- Shift into the desired gear. If the machine does not shift easily, move the front of the machine angling it right or left until the Transaxle gears shift easily.

IMPORTANT: Emphasize the necessity of NOT forcing the Shift lever.

Safely stepping on and off the Sulky.
Read Safety Manual WARNING: "Avoiding slipping or tripping injury"; before starting or operating the RS7200
Demonstrate and instruct the trainee on the following topics:
Read Safety Manual WARNINGS: "Operator Clothing and personal protection equipment"; "Operation"; "Inspecting work area"; and "Forward Operation", now before starting or operating the RS7200.

PHASE I: Driving the machine in 1st Gear
Initial training should take place outdoors in a flat open area free of obstructions with the machine in 1st Gear and the Hopper and Tanks empty. Initial training should include the following:
To Drive forward:
- Safely start the machine.
- Safely step onto the operator platform.
- Shift into 1st Gear.
- Unlock Brake
- Pull the Throttle.

To stop:
- Release the Throttle.
- Step on Sulky Brake Pedal then Pull the Front Brake Lever.

To turn right:
- Pull back on the right handle while simultaneously pushing forward on the left handle. A Stop prevents the machine from jack-knifing.
- Always lean into the turns by shifting your body weight to the inside of the turn.

To turn left:
- Pull back on the left handle while simultaneously pushing forward on the right handle. A Stop prevents the machine from jack-knifing.
- Always lean into the turns by shifting your body weight to the inside of the turn.

PHASE II: Driving the machine in 2nd Gear.
Repeat Phase I training using 2nd Gear.

PHASE III: Driving with a load.
- Repeat 1st and 2nd Gear Training outlined in Phase I and Phase II with a partially filled Hopper and Tanks
- Gradually increase the weight as the trainee demonstrates his ability to control the machine with the increased weight.

Phase IV: Operating the machine as a walk-behind unit.
Stop, shift into 1st Gear or Reverse Gear, and keeping a firm grip on both handles and while operating the machine as a walk behind unit, perform the training procedures outlined in Phases I through IV.
Read Safety Manual WARNING "Avoiding slipping and tripping injury" now.

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PHASE V: Driving the machine on hillsides.

Initial hillside training should take place on a slightly hilly open area free from obstructions with the machine in 1st Gear and the Hopper and Tanks empty.

- The Trainee must be familiar with the Balance Zone principles and Driving Techniques before operating on slopes.
- The Trainee must pass the Phases I, II and IV and be totally familiar with all the WARNINGS and the hillside driving techniques and principles set forth in the Driver's Training and Operating Manual before operating the machine on a slope or incline. Trainee must never ride the RS7200 on any slopes or inclines greater than 15 degrees.
- As the Trainee is able to demonstrate his ability to control the machine on hills as well as his understanding of hillside driving principles and proper techniques; gradually increase the slope.
- As the Trainee progresses, gradually add weight to the Hopper and Tanks.

Read Safety Manual WARNING "To avoid loss-of-control, tip-over, and rollover" before operating the RS7200 on an incline or slope.

PHASE VI: Driving over curbs.

- Never attempt to jump a curb at high speed as this may cause a forward tip-over. Instead:
- Approach the curb or parking block straight on;
- Stop the machine 12 inches away from the curb;
- Shift into 1st gear;
- Gradually accelerate up and over curb.

If machine is unable to climb over a curb:

- Look for a lower section of curb;
- If one is not available, approach the curb on an angle and attempt to climb over one wheel at a time;
- Use ramps to get over the curb. IMPORTANT: Avoid high curbs and bottoming out as this can cause machine damage that is not covered by the Warranty .

Phase VII: Backing Up.

To back up:

- Stop, shift into Reverse, look behind to make sure the path is clear, and keeping both feet on the operator's platform and a firm 2 handed grip on the handles gradually pull the Throttle.

To turn right:

- Pull the right Handle toward you and push the left handle away from you.

To turn left:

- Reverse the procedure.

To stop backing up:

- Release Throttle and apply one or both Brake Levers to stop.

Read Safety Manual WARNING "Reverse Operation" now.

Phase VIII: Completing Daily Service Checklist.

Adjust, Repair, replace, and report any irregularities discovered to your supervisor.

- Clean machine in a designated area. IMPORTANT: DO NOT power wash machine. High pressure water will force corrosive fertilizer residue into bearings, linkages, and other parts. Corrosion damage is not covered by the Warranty. Instead use low pressure air regulated to 29 PSI Once a week, or as necessary, use low pressure water regulated to 29 PSI to wash machine. Start and run machine and blow dry to remove any water.
- Empty Hopper. NOTE: Use a dedicated pail or wet /dry vacuum to remove fertilizer so that it can be recycled.

Clean:

- Spinner Plate.
- Footpads.
- Nozzles and Nozzle Strainers, If necessary.
- Hopper opening plate, Auxiliary Gate Slide plate and linkage.
- Engine cooling fins, Blower housing inlet (Starter), carburetor, governor linkage, Honda Throttle Lever, Throttle Lever and cable.

Lubricate and protect the following, using WD-40 or equivalent:

- Operating controls and cables.
- Hopper Opening Plate and Auxiliary Gate Plate.
- Carburetor and all linkages and springs.
- Exposed aluminum.

Check and record Engine Idle Speed (Must not exceed 1650 RPM).
Check and record Engine Top Speed (Must be 3,450 RPM).
Gage, record, and adjust Hopper control settings as necessary, including:

- Auxiliary Gate Adjustment Plate.
- Hopper opening.
- Rate Adjustment Knob

Check and adjust the Spray Nozzle alignment as necessary.
Check and top off engine oil.
Check and top off clutch oil.
Check for loose or missing fasteners or parts, cracks in metal or welds.
Read Safety Manual WARNING "Maintenance and Service" now BEFORE starting or operating machine.

Phase IX: Loading and unloading the machine on a Transport.

Trainee must be instructed how to safely load and unload the RS7200 from a transporting vehicle.
Read Safety Manual WARNING "Transporting" before attempting to load or unload the RS7200 from a transport.

Phase X: Additional Service Training

Trainee should be instructed on any additional service he will be required to perform on the RS7200 such as, changing Engine and Clutch oil, greasing, etc. Refer to Service Manual for scheduled service requirements and details.

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Phase XI: Testing Safety Devices.
Read Safety Manual WARNING "Maintenance and Service" before starting or operating the RS7200.
Read Safety Manual WARNING "Safety Devices" before starting or operating the RS7200.
If any Safety Device fails a test, adjust, repair or replace the component before operating the machine.

1. Throttle Control

Components: Throttle Lever, Throttle Cable, Auxiliary Throttle Return Spring, Multifunction Display (Tachometer), Drive Belt, Idler Pulley, Idler Tension Spring, Transaxle, Honda Engine and components: Honda carburetor and linkage, Honda Governor Spring, Honda Throttle Spring, Honda Throttle Return Spring, and Honda Clutch. All components must be in place and functioning normally.

- Park on level ground free from obstructions and bystanders. Lock front Brake Lever.
- Pull and release Throttle Lever several times. Ensure that the lever moves smoothly and easily and snaps back when released.
- Start engine and verify that the engine speed increases and decreases rapidly and the clutch engages and disengages quickly.
- Engine idle. Ensure the engine idles smoothly without dying and the idle speed on the Multifunction Display does not exceed 1650 RPM.
- Engine Top end speed. Pull and hold Throttle Lever. Confirm that the top end speed is 3450 RPM.
- Clutch engagement. Shift into 1st Gear and gradually accelerate engine. Confirm that the machine does not move when shifted, or creep at Idle speed. The Clutch shall engage smoothly as the engine is accelerated and propel the machine forward at 3.5 MPH at full acceleration. No unusual noise should be detected.

2. Neutral Safety Switch System (NSSS)

Components: NSSS Module, Kill Switch, Neutral Switch, Honda Kill Wire, Ground wire, Wire Harness and terminals.

- Park on level ground free from obstructions and bystanders.
- Lock Front Brake Lever, shift into Neutral and start engine.
- Turn Engine off with Kill Switch. Confirm that the engine starts and Kill Switch works.
- Shift into 1st Gear and repeat the previous test. Confirm that the engine does not start in gear.

3. Brake Systems

A. Front Brake System.

Components: Brake Lever with Lock, Front Brake Cable 1, Brake Drum, Band Tension Spring, Sheath Brake pin, Rod Brake pin, 1 washer, Lock Nut.

- Park a fully loaded machine on level ground free from obstructions and bystanders. Start engine.
- While in NEUTRAL, push the machine forward. No unusual drag should be felt.

A. Front Brake System.(cont'd)

- Pull and release the Front Brake Lever several times. Ensure that the lever operates smoothly and snaps back completely when released The operating force on the Lever must not exceed 25 pounds of force.
- Shift into High Gear, accelerate to full speed., and pull the Front Brake Lever. Confirm that the machine stops smoothly in less than 8 feet and the Brake does not lock up.

B Rear Brake System.

Components:

- Push and release the Sulky Brake Pedal several times. Confirm that the pedal operates smoothly and snaps back completely when released. The operating force on the Lever must not exceed 25 pounds of force.
- While in NEUTRAL, push the machine forward. No unusual drag should be felt. Shift into 2nd Gear, accelerate to full speed, and push Sulky Brake Pedal. Confirm that the machine stops smoothly in less than 8 feet. Confirm that both Brakes drag equally without causing a change of course, left or right. Brake band must not over heat nor cause unusual drag.

C Both Front and Sulky Brake Systems

- Shift into 2nd gear, accelerate to full ground speed and apply both brakes. Confirm that the machine stops in less that the length of the machine.

D Parking Brake System.

Components: Front Brake System.

- Drive the fully loaded machine up a 17 degree slope, stop and lock Front Brake Lever. Confirm that brakes hold the machine in place.
- Drive the fully loaded machine down a 17 degree slope, stop and lock Front Brake Lever. Confirm that the brakes hold the machine in place.

4 Fluid-filled Tire.

Components: Front tires (2) and Rear Tires (2).
Read Safety Manual WARNING "Tire Safety" before starting or operating the RS7200.

- Examine all tires for wear and damage. Confirm that tires are free from visible damage and tread depth exceeds 1/4 inch.
- Rotate each tire so the valve stem is in the 12 o'clock position and check pressure. Confirm that tire pressure is 12 PSI and fluid is visible

5. Machine Safety Label Visual Test.

- Confirm that all Labels are in place and legible.

6. Machine Guard Visual Test.

- Confirm that Transmission Shroud and Belt Guard are securely fastened in place.

7. Slip Resistant Footpad Visual Test.

- Confirm that Footpad is not worn or damaged and is securely fastened in place.

The Drivers Training and Operation Section is completed. Proceed to the Spreader Operation section.

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Calibration Disclaimer

It is the responsibility of the person using this equipment to make sure that every type of material is properly calibrated to perform as expected. This process should take place on a solid flat surface away from drains and livestock areas in order to achieve a safe and accurate reading for proper material distribution. Failure to do so may cause an over/under application that could damage turf areas or give an ineffective pest control treatment. Any calibration charts contained in this manual are given as a reference point only and should not be used as an absolute condition. Spending a few extra minutes to properly calibrate will not only save on wasted materials and time but also protect turf and other vegetation. Below are several points to be aware of before operating your spreader in the field.

- Flow rates of material can change for many reasons

    1. Formulations vary within the same brand or even between brands
    2. Formulations vary between batches or dates of manufacture
    3. Poor sprayer maintenance can cause flow changes
    4. Human error can cause rate miscalculation

- Items needed for calibration

    1. A way to catch the material for measuring
    2. A device to measure distance
    3. A bottle or bucket for measuring liquid.
    4. A stop watch or other means to measure time

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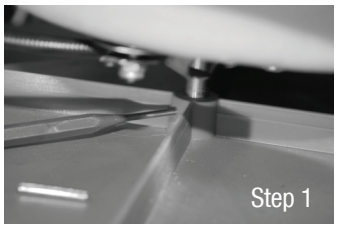
Spreader Calibration

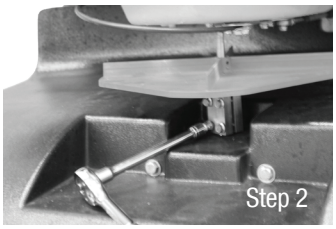
1) Put a small amount of material in the spreader to determine the spread width of your product.

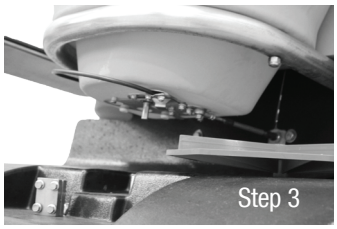
2) Now you can refer to your calibration chart of Gate Settings and Pounds per minute as a guide. (Due to the fact that material varies you may need to make your own chart by setting your gate at a number and weighing the amount of material that comes out in 1 minute and carry this out for all gate settings.)

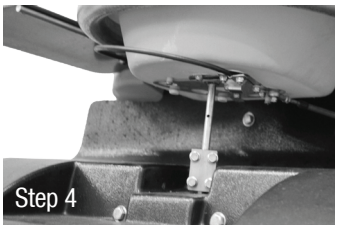
Exercise: Let's say you were in the field and needed to apply 3.5 lbs. of fertilizer per 1000sq. ft. Assume you were spreading at 5 mph or 440 ft per minute and your spread width was 14ft., you would cover 6160 sq ft in 1 minute. Then divide this by 1000 to get the thousands . Take 6.16 thousands X the application rate of 3.5 lbs and this will give you the total of 21.56 lbs. per minute needed to meet the application rate. Refer to your chart to find gate setting. In this instance you will need to set the gate between 11 and 12.

If it is necessary to remove spinner to gather sample fertilizer rates, you can follow the steps below.









Step 1 : Knock roll pin out of Spinner

Step 2 : Loosen Shaft Coupler

Step 3 : Remove Spinner

Step 4 : Reattach Shaft Coupler

To reattach spinner perform steps 1 - 4 in reverse.

These settings were obtained using a 18-24-12 Fertilizer

Gate Setting	Lbs. per min.	Lbs. per 1000sq. Ft. @ 3450rpm's in 1st Gear	Lbs. per 1000sq. Ft. @ 3450rpm's in 2nd Gear
Gate Setting #1	1.8	0.42	0.29
Gate Setting #2	2.4	0.56	0.39
Gate Setting #3	3.0	0.70	0.48
Gate Setting #4	3.8	0.88	0.61
Gate Setting #5	4.2	0.98	0.68
Gate Setting #6	6.4	1.5	1.0
Gate Setting #7	8.6	2.0	1.4
Gate Setting #8	10.8	2.5	1.7
Gate Setting #9	13.0	3.0	2.1
Gate Setting #10	15.2	3.5	2.5
Gate Setting #11	19.3	4.5	3.1
Gate Setting #12	23.3	5.4	3.8
Gate Setting #13	27.5	6.4	4.4
Gate Setting #14	31.6	7.3	5.1
Gate Setting #15	35.7	8.3	5.8
Wide Open	37.8	8.8	6.1

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Here are some guideline rates for the Nozzles supplied with the machine

Nozzle Type	Purple Trim		Dark Blue Trim	
Capacity in Gallons	17	17	17	17
Capacity in Ounces	2176	2176	2176	2176
Speed in MPH	3.5	5	3.5	5
Distance in 1 Minute	308’	440’	308’	440’
Spray Width in Feet	3	3	3	3
Ounces Dropped Per Minute	24	24	29	29
Time to Empty in Minutes	91	91	75	75
Sq Ft Covered per minute	924	1320	924	1320
Sq Ft covered per load	84084	120120	69300	99000
1000 Sq ft covered per load	84.08	120.12	69.30	99.00
Acres Covered load	1.93	2.76	1.59	2.27
Ounces Per Sq. Ft .	0.03	0.02	0.03	0.02
Ounces Per 1000 Sq. Ft.	25.88	18.12	31.40	21.98
Gallons Per 1000 Sq. Ft.	0.20	0.14	0.25	0.17
Ounces Per Acre	1127.3	789.1	1367.8	957.44
Gallons Per Acre	8.81	6.16	10.69	7.48

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Here are some guideline rates for the Nozzles supplied with the machine

Nozzle Type	Green Broadcast		Green Broadcast		Green Broadcast		Green Broadcast		Green Broadcast		Green Broadcast	
Capacity in Gallons	17	17	17	17	17	17	17	17	17	17	17	17
Capacity in Ounces	2176	2176	2176	2176	2176	2176	2176	2176	2176	2176	2176	2176
Speed in MPH	3.5	5	3.5	5	3.5	5	3.5	5	3.5	5	3.5	5
Distance in 1 Minute	308’	440’	308’	440’	308’	440’	308’	440’	308’	440’	308’	440’
Spray Width in Feet	11	11	10	10	9	9	8	8	7	7	6	6
Ounces Dropped Per Minute	99	99	99	99	99	99	99	99	99	99	99	99
Time to Empty in Minutes	22	22	22	22	22	22	22	22	22	22	22	22
Sq Ft covered per minute	3388	4840	3080	4400	2772	3960	2464	3520	2156	3080	1848	2640
Sq Ft covered per load	74536	106480	67760	96800	60984	87120	54208	77440	47432	67760	40656	58080
1000 Sq ft covered per load	74.54	106.48	67.76	96.80	60.98	87.12	54.21	77.44	47.43	67.76	40.66	58.08
Acres Covered load	1.71	2.44	1.56	2.22	1.40	2.00	1.24	1.78	1.09	1.56	0.93	1.33
Ounces Per Sq. Ft.	0.03	0.02	0.03	0.02	0.04	0.02	0.04	0.03	0.05	0.03	0.05	0.04
Ounces Per 1000 Sq. Ft.	29.19	20.44	32.11	22.48	35.68	24.98	40.14	28.10	45.88	32.11	53.52	37.47
Gallons Per 1000 Sq. Ft.	0.23	0.16	0.25	0.18	0.28	0.20	0.31	0.22	0.36	0.25	0.42	0.29
Ounces Per Acre	1271.69	890.18	1398.86	979.20	1554.29	1088.00	1748.57	1224.00	1998.37	1398.86	2331.43	1632.00
Gallons Per Acre	9.94	6.95	10.93	7.65	12.14	8.50	13.66	9.56	15.61	10.93	18.21	12.75
Nozzle Type	**Blue Broadcast**		**Blue Broadcast**		**Blue Broadcast**		**Blue Broadcast**		**Blue Broadcast**		**Blue Broadcast**	
Capacity in Gallons	17	17	17	17	17	17	17	17	17	17	17	17
Capacity in Ounces	2176	2176	2176	2176	2176	2176	2176	2176	2176	2176	2176	2176
Speed in MPH	3.5	5	3.5	5	3.5	5	3.5	5	3.5	5	3.5	5
Distance in 1 Minute	308’	440’	308’	440’	308’	440’	308’	440’	308’	440’	308’	440’
Spray Width in Feet	11	11	10	10	9	9	8	8	7	7	6	6
Ounces Dropped Per Minute	76	76	76	76	76	76	76	76	76	76	76	76
Time to Empty in Minutes	29	29	29	29	29	29	29	29	29	29	29	29
Sq Ft covered per minute	3388	4840	3080	4400	2772	3960	2464	3520	2156	3080	1848	2640
Sq Ft covered per load	98252	140360	89320	127600	80388	114840	71456	102080	62524	89320	53592	76560
1000 Sq ft covered per load	98.25	140.36	89.32	127.60	80.39	114.84	71.46	102.08	62.52	89.32	53.59	76.56
Acres Covered load	2.26	3.22	2.05	2.93	1.85	2.64	1.64	2.34	1.44	2.05	1.23	1.76
Ounces Per Sq. Ft.	0.02	0.02	0.02	0.02	0.03	0.02	0.03	0.02	0.03	0.02	0.04	0.03
Ounces Per 1000 Sq. Ft.	22.15	15.50	24.36	17.05	27.07	18.95	30.45	21.32	34.80	24.36	40.60	28.42
Gallons Per 1000 Sq. Ft.	0.17	0.12	0.19	0.13	0.21	0.15	0.24	0.17	0.27	0.19	0.32	0.22
Ounces Per Acre	964.73	675.31	1061.20	742.84	1179.11	825.38	1326.50	928.55	1516.00	1061.20	1768.67	1238.07
Gallons Per Acre	7.54	5.28	8.29	5.80	9.21	6.45	10.36	7.25	11.84	8.29	13.82	9.67

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IMPORTANT: Keeping the RS7200 Ride N Spray operating reliably requires attention to maintenance. Proper maintenance prevents damage to your machine and preventable malfunctions. Proper maintenance is required for the safe operation of the machine.
Use the following timetables to perform routine maintenance.
Engine Service Intervals
Refer to Engine Manual included with this machine for Engine service intervals.
IMPORTANT: Change engine and clutch oil every 100 hours.

Daily Service Checklist.
IMPORTANT: Adjust, repair, replace, and report any irregularities discovered during these checklist inspections to your supervisor.

- Clean machine in a designated area. IMPORTANT: DO NOT power wash machine. High pressure water will force corrosive fertilizer residue into bearings, linkages, and other parts. Corrosion damage is not covered by the Warranty. Instead use low pressure air regulated to 29 PSI. Once a week, or as necessary, use low pressure water regulated to 29 PSI to wash machine. Start and run machine and blow dry to remove any water.
- Empty Hopper. NOTE: Use a dedicated pail or wet /dry vacuum to remove fertilizer so that it can be recycled
- Clean:
  - Spinner Platter.
  - Footpads.
  - Nozzles and Nozzle Strainers, If necessary.
  - Hopper opening plate, Auxiliary Gate Slide plate and linkage.
  - Engine cooling fins, Blower housing inlet (Starter), carburetor, governor linkage, Honda Throttle Lever, Throttle Lever and cable.
- Lubricate and protect the following, using WD-40 or equivalent:
  - Operating controls and cables.
  - Hopper Opening Plate and Auxiliary Gate Plate.
  - Carburetor and all linkages and springs.
  - Exposed aluminum.
- Check and record Engine Idle Speed (Must not exceed 1650 RPM).
- Check and record Engine Top Speed (Must be 3,450 RPM).
- Gage, record, and adjust Hopper control settings as necessary, including:
  - Auxiliary Gate Adjustment Plate.
  - Hopper opening.
  - Rate Adjustment Knob
- Check and adjust the Spray Nozzle alignment as necessary.
- Check and top off engine oil.
- Check and top off clutch oil.
- Check for loose or missing fasteners or parts, cracks in metal or welds.

Read Safety Manual WARNING “Maintenance and Service” before starting, operating, repairing or performing maintenance on the RS7200.

Break-in Service
(first 10 hours) Checklist

- Change engine oil
- Change Clutch oil
- Grease all fittings
- Check tire pressure
- Check wheel lug nut tightness
- Check tightness of Pivot Bolts and Nuts
- Test Safety Devices
- Check Drive belt tension
- Check Spinner/Pump belt tension

Every 50 hours (or every 2 weeks) Checklist
(Perform more frequently if operating in wet or dusty conditions)

- Grease all fittings
- Clean air filter
- Check tire pressure
- Check wheel bolt lug nut tightness
- Check tightness of Pivot Bolts and Nuts
- Test Safety Devices
- Check drive belt and spinner/clutch belts

Every 100 hours (or monthly) Checklist
(Perform more frequently if operating in wet or dusty conditions)

- Change engine oil
- Change Clutch oil
- Clean or replace air filter
- Check engine manual for additional service required
- Grease all fittings
- Check tire pressure
- Check wheel lug nut tightness
- Check tightness of Pivot Bolts and Nuts
- Test Safety Devices
- Check drive belt and Spinner/Pump belts, replace if necessary
- Flush and clean Spray tanks
- Calibrate Spray System
- Calibrate Spreader System

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Yearend checklist
- Read Safety Manual WARNINGS
- Change engine oil
- Change Clutch oil Clean or replace air filter
- Check engine manual for additional service required
- Grease all fittings
- Check tire pressure
- Check wheel lug nut tightness
- Check tightness of Pivot Bolts and Nuts
- Test Safety Devices
- Check drive belt and spinner/clutch belts, replace if necessary
- Flush and clean Spray tanks
- Run RV anti-freeze or Windshield washer solution through spray system
- Calibrate Spray System
- Calibrate Spreader System

Maintenance and Service

Improper maintenance can cause serious injury.
- Lock brake, stop engine and disconnect spark plug wire. Wait for all movement to stop before performing any adjustments, cleaning or repairs.
- Clean grass and debris from drives, mufflers, and engine to help prevent fires. Clean up oil or fuel spillage.
- Let engine cool before storing and do not store near flame.
- Shut off fuel while storing or transporting. Do not store fuel near flames or drain indoors.
- Park machine on level ground. Never allow untrained personnel to service machine.
- Use jack stands to support components when required.
- Carefully release pressure from tires and spray system.
- Remove spark plug wire before making any repairs.
- Keep hands and feet away from moving parts. If possible, do not make adjustments with the engine running.
- Keep all parts in good working condition and all hardware tightened.
- Replace all worn or damaged Machine Safety Labels.
- Replace worn or damaged footpads.
- Perform all scheduled maintenance as directed in the Service Manual.

Read Safety Manual WARNING “Safety Devices” now.

Check Engine and Clutch Oil

Please refer to your Honda Engine Manual that is provided with your RS7200 for any Engine maintenance.

IMPORTANT: Low oil level can cause serious engine or clutch damage. Check oil level regularly. Check before operating. Keep oil level between “full” and “add” marks. Do not operate engine if oil level in engine or clutch are below or above the full and add marks.

Replacing Throttle Lever
- Remove Handgrip
- Loosen Lever tensioning Screw
- Remove cable
- Replace Throttle Lever in reverse order

Replacing Throttle Cable
- Remove Handgrip
- Loosen Lever tensioning Screw
- Remove cable
- Replace Throttle Lever in reverse order

Read Safety Manual WARNING, Safety Devices before starting or operating the RS7200.

Engine speed is part of the Throttle/Clutch Safety Device. Keep the top speed at 3450 RPM.

DO NOT over-speed engine. Spinner Shaft coupler

Loosen Bolts

After adjusting, Conduct the Safety Device Test “Brake Systems”, in the “Driver’s Training and Operation” section of this Manual.

Read Safety Manual WARNING “Safety Devices” before starting or operating the RS7200.

Adjusting Pressure in Fluid-filled Tires

On a level open area free from obstructions and bystanders, lock front Brake, shift into Neutral, and start engine.

Tires are filled with pressurized Windshield Washer Solution to provide ballast for a lower center of gravity. Explosive separation of rim and tires may cause serious injury.
- DO NOT remove fluid from tires.
- All replacement tires must be fluid filled.
- Wear a face shield when checking, filling, and repairing fluid-filled tires.
- Do not attempt to check, repair or replace fluid fill tires without the proper equipment.
- Use a clip-on chuck and extension hose. Stand to the side of the tire when filling.
- Always maintain tire pressure at 12 PSI. Do not under or over inflate tires.
- Rear tires have split rims. Release tire pressure prior to loosening any nuts or bolts.
- Never weld or heat the tire rims as this could cause a tire explosion or structural damage to the rim.
- Check tires often for cuts, wear, bubbles and missing or lose lug nuts. Check pressure often.
- Fix or replace worn or damaged tires, rims, and hardware.

Read Safety Manual WARNING “Tire Safety” before starting, operating or performing repairs or maintenance on the RS7200. Fluid-filled tires are Safety Devices. Keep pressure at 12 PSI. DO NOT operate machine without Fluid-filled tires. Replace any lost fluid.

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Important Grease the following points daily.
Figure 1: Transaxle Grease Points
Figure 2: Pivot Grease Points
Figure 3: Sulky Grease Points

Figure 1

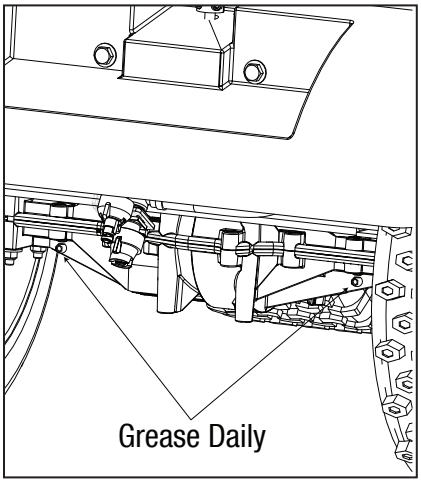


Figure 2

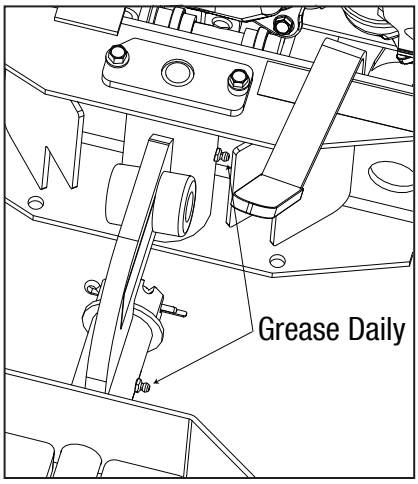
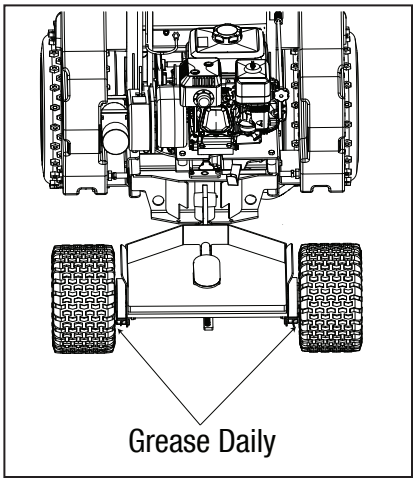


Figure 3



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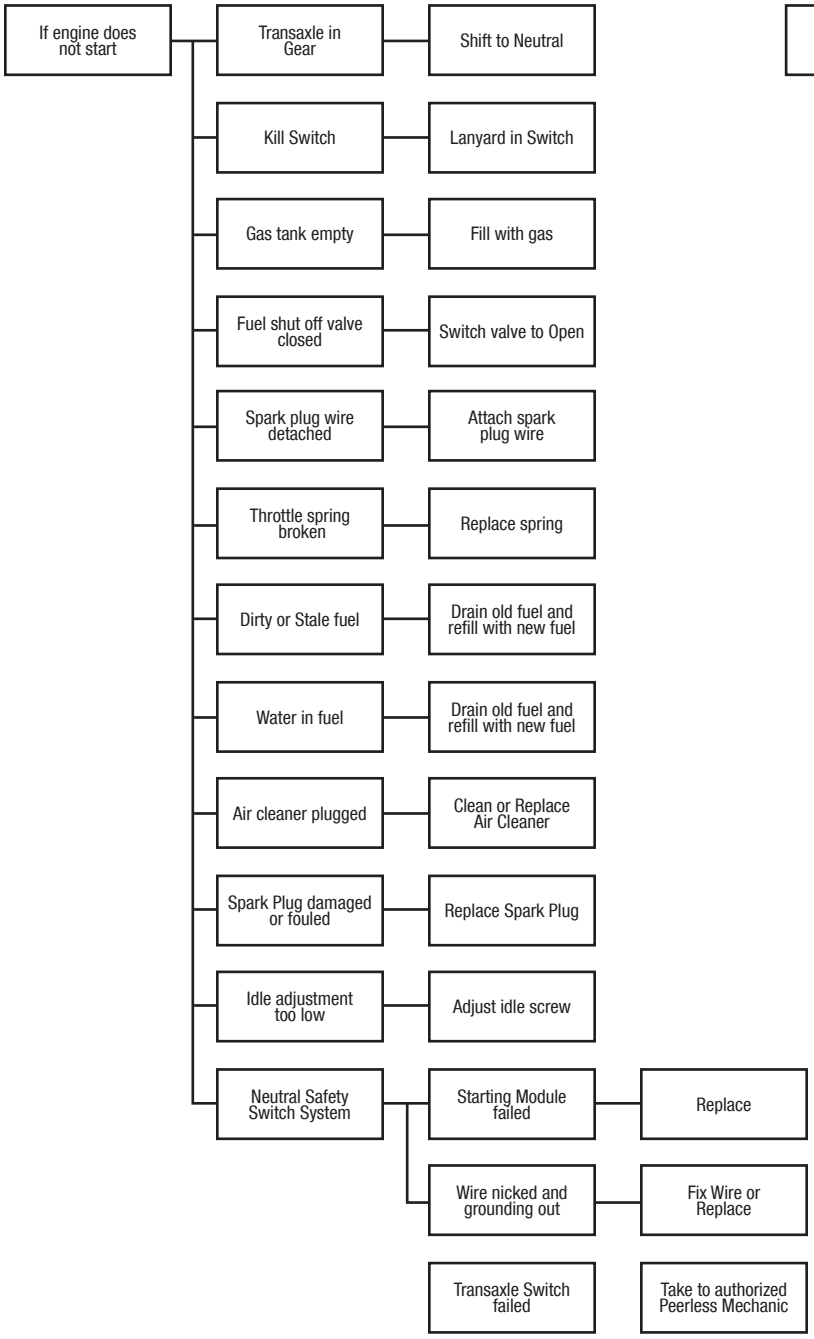

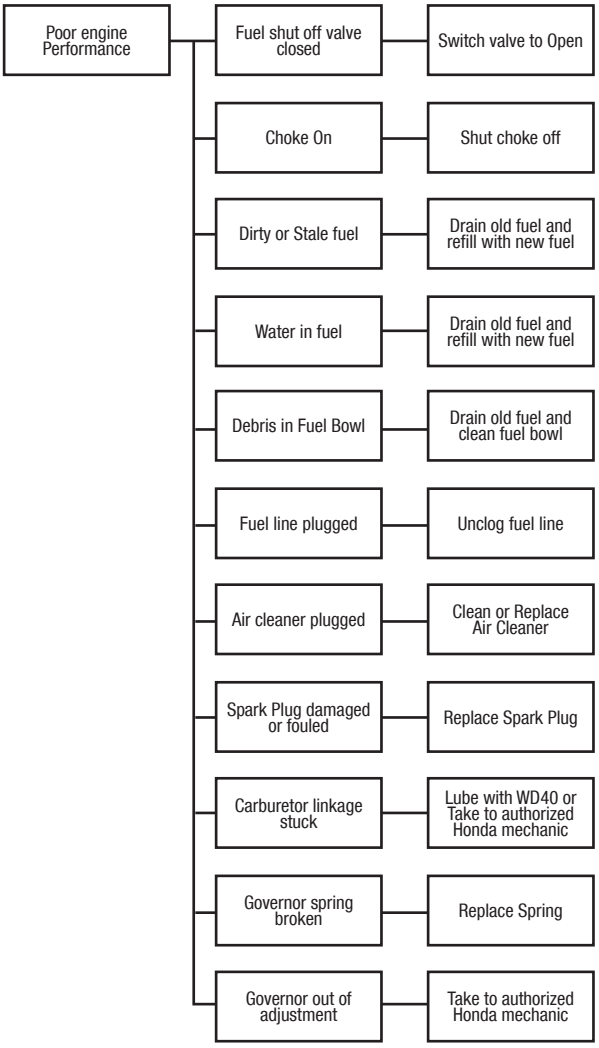
Poor engine Performance
Fuel shut off valve closed
Switch valve to Open
Choke On
Shut choke off
Dirty or Stale fuel
Drain old fuel and refill with new fuel
Water in fuel
Drain old fuel and refill with new fuel
Debris in Fuel Bowl
Drain old fuel and clean fuel bowl
Fuel line plugged
Unclog fuel line
Air cleaner plugged
Clean or Replace Air Cleaner
Spark Plug damaged or fouled
Replace Spark Plug
Carburetor linkage stuck
Lube with WD40 or Take to authorized Honda mechanic
Governor spring broken
Replace Spring
Governor out of adjustment
Take to authorized Honda mechanic

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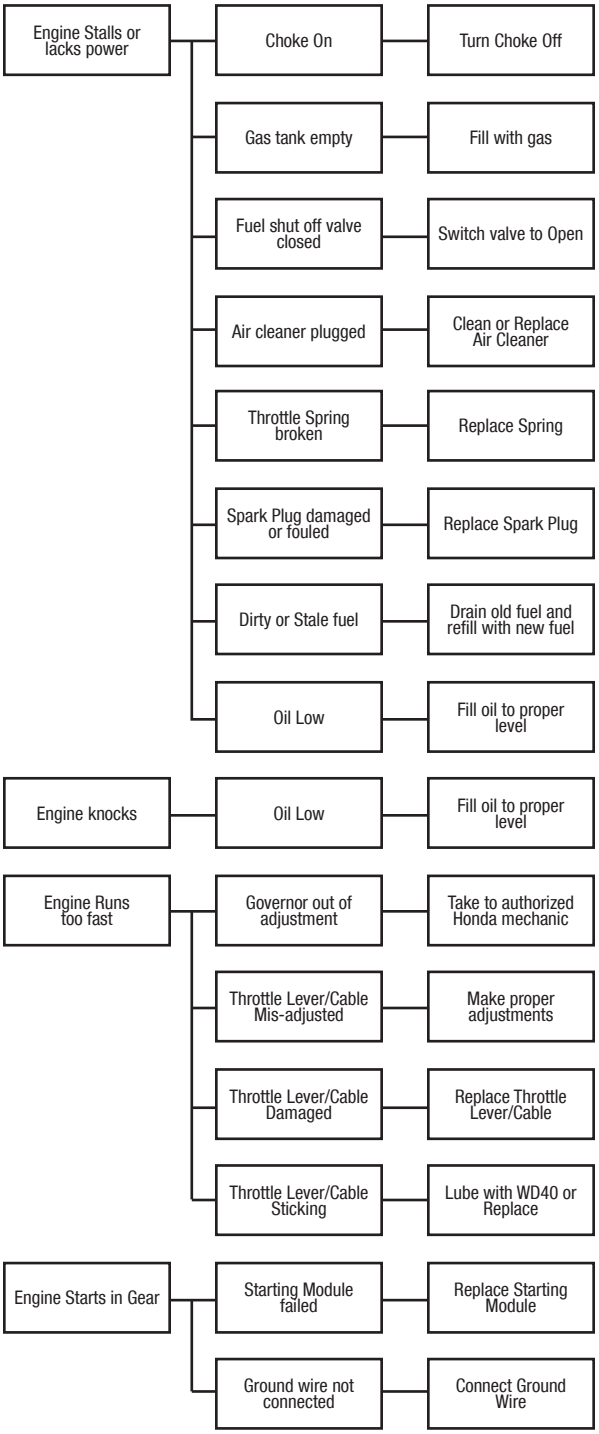
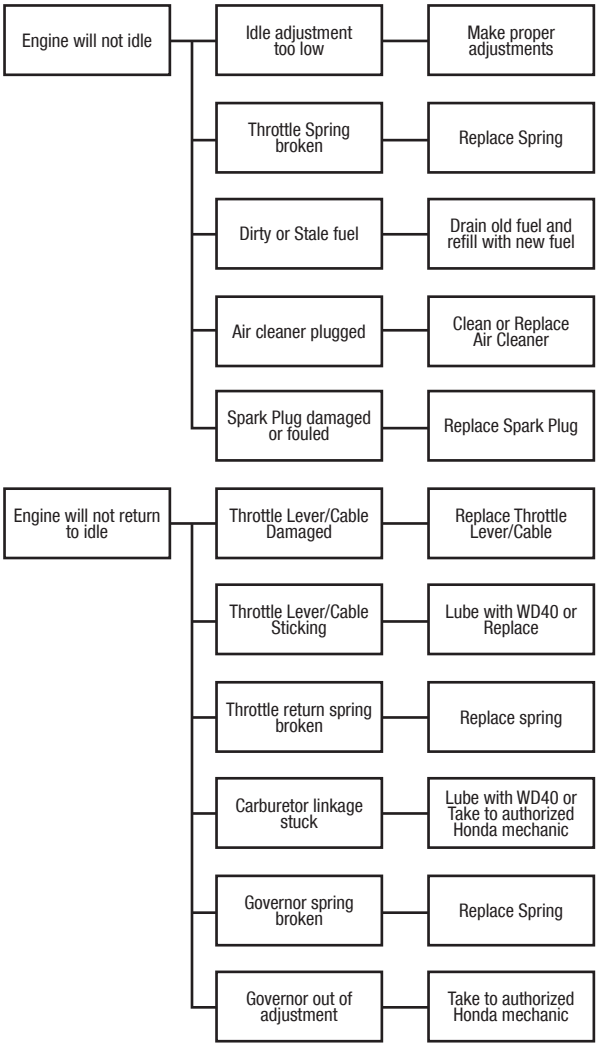
Troubleshooting




Engine will not idle
Idle adjustment too low
Make proper adjustments
Throttle Spring broken
Replace Spring
Dirty or Stale fuel
Drain old fuel and refill with new fuel
Air cleaner plugged
Clean or Replace Air Cleaner
Spark Plug damaged or fouled
Replace Spark Plug
Engine will not return to idle
Throttle Lever/Cable Damaged
Replace Throttle Lever/Cable
Throttle Lever/Cable Sticking
Lube with WD40 or Replace
Throttle return spring broken
Replace spring
Carburetor linkage stuck
Lube with WD40 or Take to authorized Honda mechanic
Governor spring broken
Replace Spring
Governor out of adjustment
Take to authorized Honda mechanic

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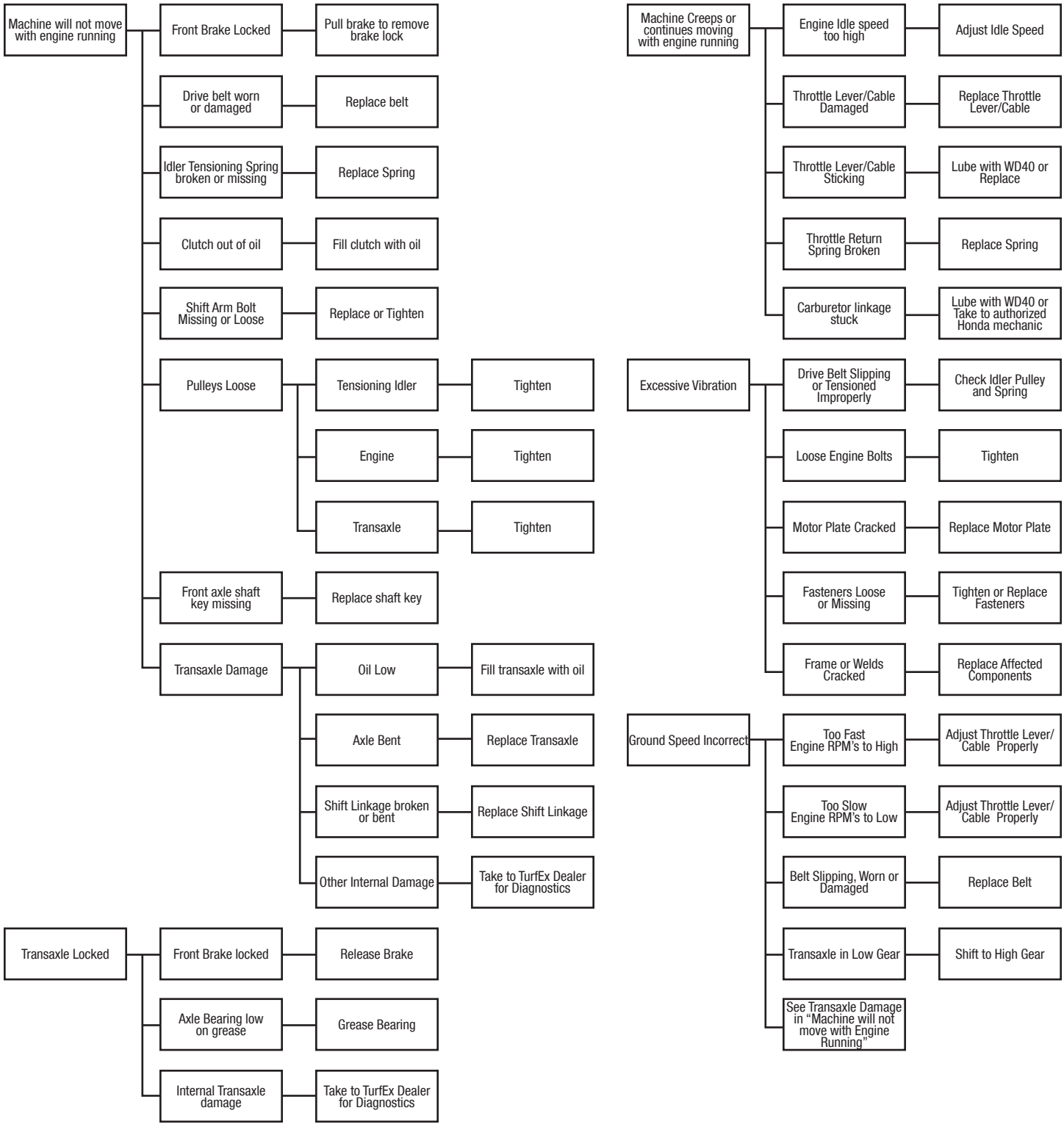
Troubleshooting



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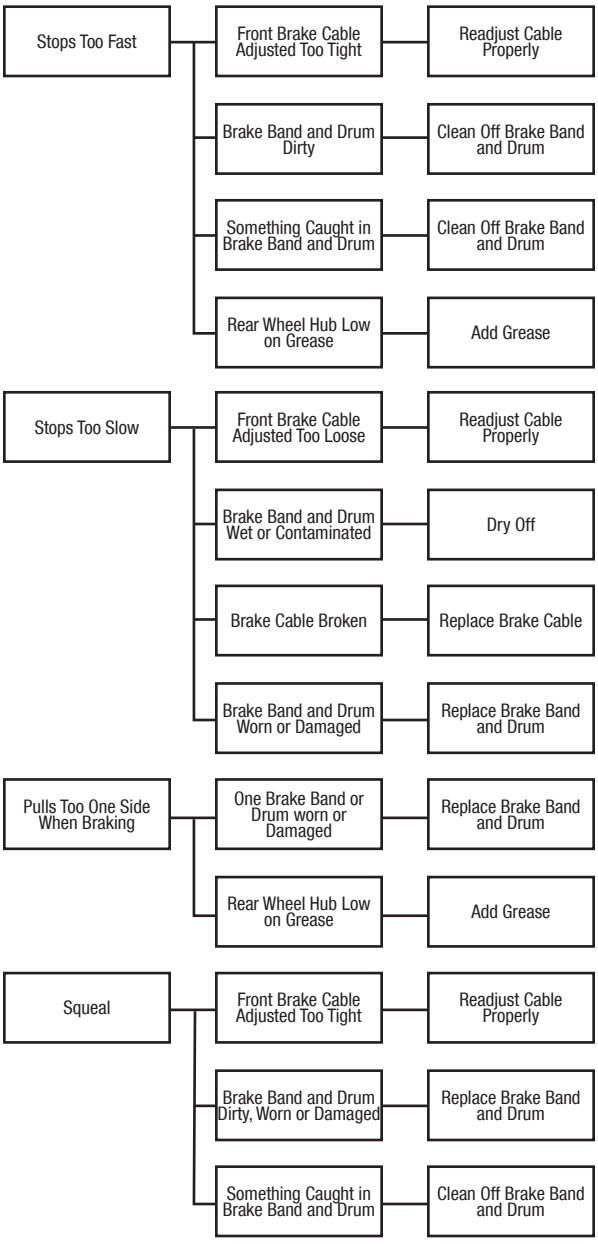
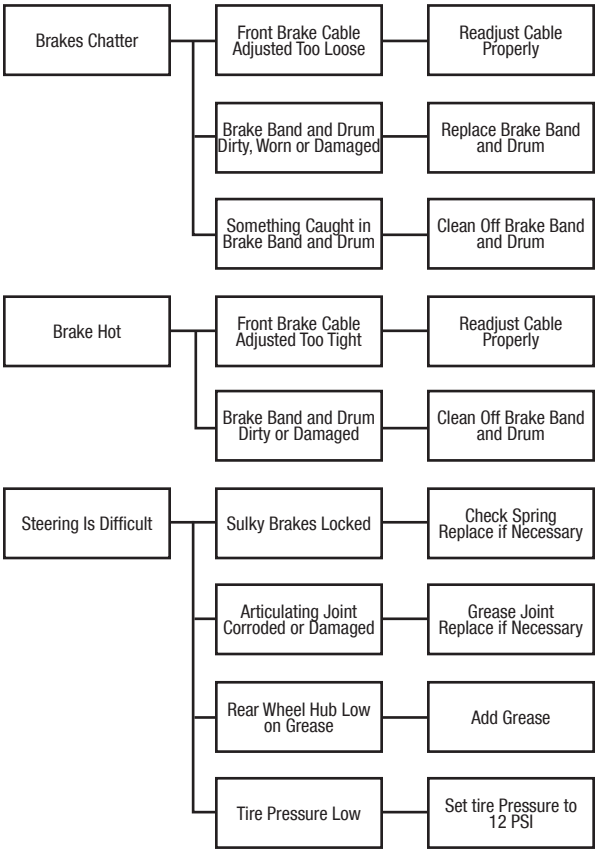

Stops Too Fast
Front Brake Cable Adjusted Too Tight
Readjust Cable Properly
Brake Band and Drum Dirty
Clean Off Brake Band and Drum
Something Caught in Brake Band and Drum
Clean Off Brake Band and Drum
Rear Wheel Hub Low on Grease
Add Grease
Stops Too Slow
Front Brake Cable Adjusted Too Loose
Readjust Cable Properly
Brake Band and Drum Wet or Contaminated
Dry Off
Brake Cable Broken
Replace Brake Cable
Brake Band and Drum Worn or Damaged
Replace Brake Band and Drum
Pulls Too One Side When Braking
One Brake Band or Drum worn or Damaged
Replace Brake Band and Drum
Rear Wheel Hub Low on Grease
Add Grease
Squeal
Front Brake Cable Adjusted Too Tight
Readjust Cable Properly
Brake Band and Drum Dirty, Worn or Damaged
Replace Brake Band and Drum
Something Caught in Brake Band and Drum
Clean Off Brake Band and Drum


Brakes Chatter
Front Brake Cable Adjusted Too Loose
Readjust Cable Properly
Brake Band and Drum Dirty, Worn or Damaged
Replace Brake Band and Drum
Something Caught in Brake Band and Drum
Clean Off Brake Band and Drum
Brake Hot
Front Brake Cable Adjusted Too Tight
Readjust Cable Properly
Brake Band and Drum Dirty or Damaged
Clean Off Brake Band and Drum
Steering Is Difficult
Sulky Brakes Locked
Check Spring Replace if Necessary
Articulating Joint Corroded or Damaged
Grease Joint Replace if Necessary
Rear Wheel Hub Low on Grease
Add Grease
Tire Pressure Low
Set tire Pressure to 12 PSI

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Spinner Does Not Turn	Spinner Roll Pin Missing	Replace Roll Pin
	Spinner Coupling Block Loose	Tighten
	Shaft Coupling Block Set Screw Worn	Tighten
	Spinner/Pump Belt Loose or Damaged	Tighten Or Replace Spinner/Pump Belt
	Spinner Trans Pulley Loose	Tighten
	Pump Pulley Loose	Tighten
	Transaxle Pulley Loose	Tighten
Hopper Opening Plate Does Not Move	Plate Jammed or Dirty	Clean Plate
	Plate Hardware Too Tight	Loosen Hardware
	Hopper Opening Plate Damaged	Replace Hopper Opening Plate
	Hopper Cable Loose or Damaged	Adjust Cable Properly
	Cable Ends Loose or Damaged	Replace Cable
Product Does Not Flow From Hopper	Product Blocking One or More Holes	Remove Obstructions
	Agitator Damaged or Worn	Replace Agitator
	Hopper Opening Plate Does Not Move	See “Hopper Opening Plate Does Not Move”

Third Hole Adjustment Plate Does Not Move	Third-Hole Cable/Lever is Damaged	Fix or Replace Cable/Lever
	Product Jammed	Remove Obstructions
Spread Pattern Uneven	Spinner Plate Damaged or Dirty	Clean or Replace Spinner
	Engine RPM Incorrect	Adjust RPM’s

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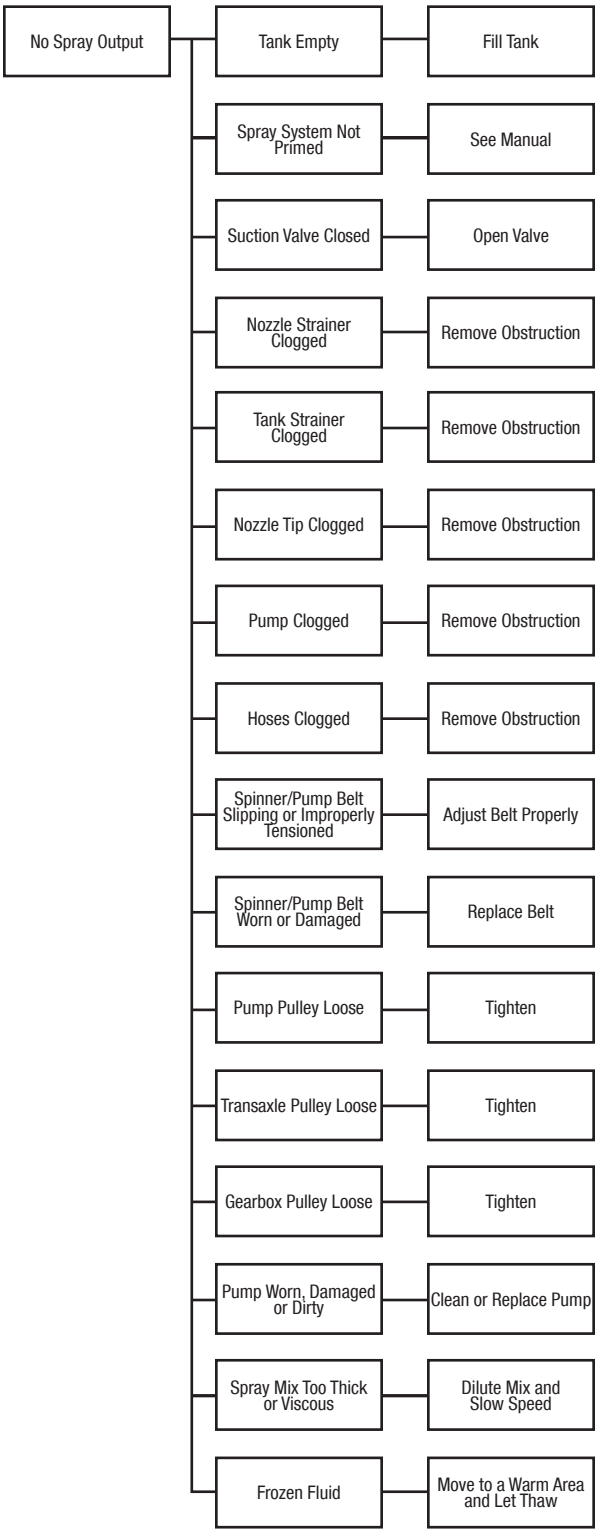

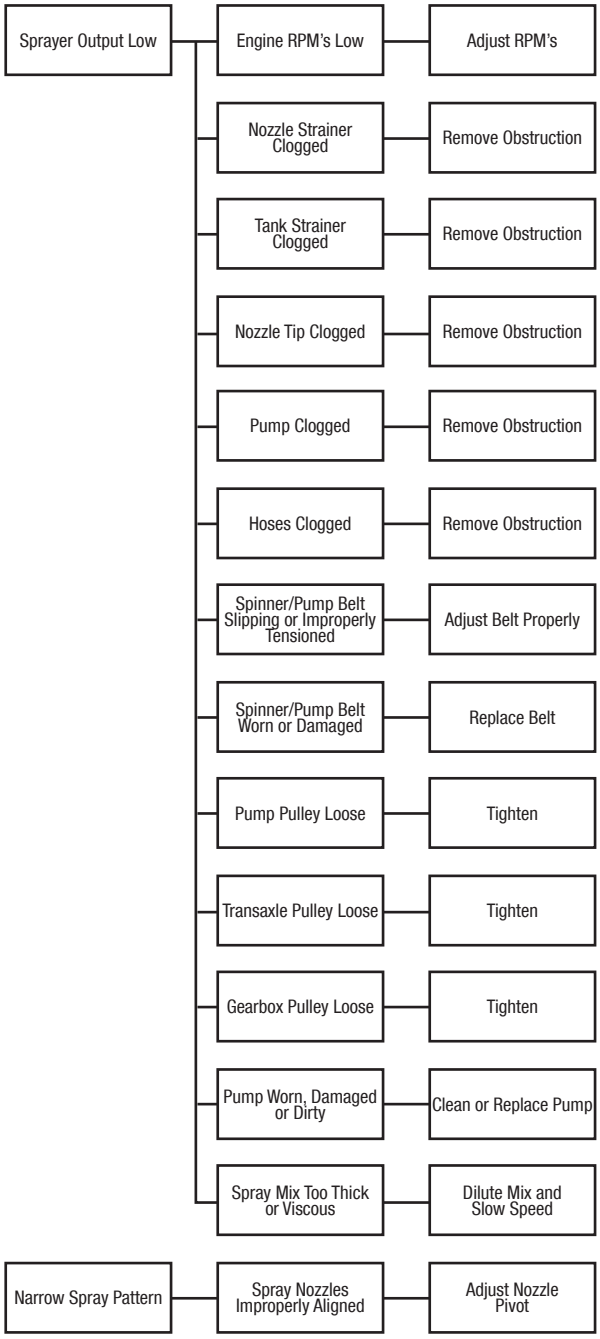

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Key to Parts

D4321	Washer | 1”
D4409	Washer | 3/4”
D5209	Bolt | 5/16”-18 X 3/4” Hex Head
D5232	Spray Nozzle | Flat Spray 80° Stainless
D5292	Washer | #10
D5329	Hose Barb | 1/2” Male Thread X 1/2” 90°
D5336	Lock Washer | 3/8”
D5339	Clamp | 5/8” Rubber Coated
D5355	Pipe Tee | 1/2”
D5384	Decal | Quality Made In The USA
D5583	Wing-Nut | 1/4”-20
D5602	Hose Grommet
D5902	Red Plastic Spinner
D5905	Bolt | #10-32 X 1/2” Hex Head
D5919	Cotter Pin | 3/16” X 2”
D5929	Handle Cover | Red
D5948	Nut | #10-32 Nylox
D5949	Washer | 5/16”
D6131	Bolt | 1/4”-20 X 1/2” Serrated Flange
D6132	Bolt | 1/4”-20 X 3/4” Serrated Flange
D6169	Washer | 3/8”
D6418	Bolt | 5/16”-18 X 1” Hex Head
D6854	Bolt | 1/4”-20 X 1” Serrated Flange
D6873	Keystock | 3/16” X 1-1/4”
D6920	Short Nipple | 1/2”
D6923	Street Elbow | 1/2” 90°
D6929	Hose Barb | 1/2” Male Thread X 3/8”
D6953	Nozzle Cap | Black Nylon
D6957	Spray Tip Cap | Green Nylon
D6961	Nozzle Seat Gasket
D6978	Bolt | 3/8”-16 X 3/4” Hex Head
D6988	Hose | 3/8” X 1” Clear
D6989	Hose | 1/2” X 1” Clear
D7291	Hopper Cover | w/Drawstring
F50013	Hose Barb | 1/4” Male Thread X 3/8” 90°
F50015	Nozzle Body | Hose Barb 3/8”
F50043	Idler Arm
F50045	Tank | 17 Gallon
F50046	Brake Drum
F50047	Hub Assembly
F50048	Drive Transmission | 2 Speed/Reverse w/Brake
F50049	Engine | Honda GX 160
F50050	Foot Shift Lever
F50051	Gate Plate
F50052	Gate Pivot Plate
F50053	Gate Secondary
F50054	Handle Grips
F50055	Hopper | 3.0 Cu. Ft.
F50056	Idler Pulley
F50057	Motor Mount Plate
F50058	Pivot Knuckle
F50059	Wheel Assembly | 18”
F50060	Pivot Pin
F50061	Pump Mount Bracket
F50062	Pump Adjust Plate
F50063	Pump | 2.9 GPM Belt Driven
F50064	Wheel Assembly | 13”
F50065	Shift Linkage
F50066	Spinner Transmission
F50068	Transmission Shift Lever
F50069	Motor Mount Anti-Vibration Pads
F50070	Sulky Frame
F50071	Axle Assembly
F50072	Brake Band
F50073	Foot Pedal
F50084	Material Agitator
F50085	Spinner Shaft
F50087	Belt Shroud
F50088	Belt Shroud Mount Bracket
F50090	Manual Tube
F50092	Nozzle Pivot Bracket
F50093	Valve | 3/8”FNPT x MNPT Brass

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Key to Parts

F50094 Nozzle Bracket
F50095 Nozzle Retainer
F50096 Gate Position Stop
F50097 Gate Gauge Bracket
F50100 Lever And Cable Assembly
F50103 Hose Barb | 3/8" Male Thread X 3/8"
F50104 Valve | 3-Way Panel Mount 3/8" FNPT Brass
F50105 Street Elbow | 3/8" 90° Brass
F50109 Rubber Grommet | 5/8"
F50110 Bolt | 3/8"-16 X 1" Hex Head
F50112 Bolt | 5/16"-18 X 1-1/4" Hex Head
F50114 Hand Lever
F50115 Pulley | 5/16" Bore X 3-1/2" O.D.
F50116 Pulley | 1/2" Bore X 3" O.D.
F50117 Pulley | 22mm Bore X 3-1/2" O.D.
F50119 Kill Switch
F50120 Transmission Shroud
F50121 Hose Barb | Quad Port X 1/2" 90°
F50122 Pulley | 3/4" Bore X 3-1/2" O.D.
F50123 Manual Tube End Cap
F50124 Washer | #10 Finish Nylon
F50125 Washer | #10 Fender Nylon
F50126 Bushing | Spinner Shaft Nylon
F50127 Spacer | #10 X 1/4" Nylon
F50128 Washer | #10 X 3/8" BV Nylon
F50129 Dashboard
F50130 Spacer | 1" X 1-1/4" X 7/8"
F50131 Double Flange Hub W/Roller Bearing
F50132 Valve Handle
F50133 Check Valve | PP 1/4" FNPT
F50134 Muffler Deflector
F50135 Spray Nozzle | 1.0 GPM Broadcast
F50136 Spray Nozzle | 1.5 GPM Broadcast
F50138 Valve | 3/8" Hose Barb X 1/2" MNPT
F50140 Meter | Hour/RPM
F50141 Sulky Anti-Fatigue Mat
F50142 Sealed Bearings | 6204
F50143 Screw | #10-32 X 7/8" Flat Head Phillips
F50145 Hose Clamp | 3/8" Double Tooth
F50146 Hose Clamp | 1/2" Double Tooth
F50147 Hose Barb | Quad Port X 1/2"
F50148 Hose Barb Tee | 3/8"
F50149 Decal | Dashboard Graphic
F50150 Bolt | 3/8"-16 X 2-1/4" Hex Head
F50151 Bolt | 5/16"-18 X 3" Hex Head
F50152 Screw | #6-32 X 1/2" Phillips Head
F50173 Hand Lever | W/Lock
F50174 Tapered Handle | Threaded
F50175 Cable | Throttle
F50176 Cable | Brake
F50177 Bracket | Brake Cable
F50178 Cable Clamp
F50179 Top Screen | RS-Series
F50180 Spring | Throttle
F50181 Spring | Belt Tension Bracket
F50183 Spring | Brake Return
F50184 Decal | Starting Instructions Warning
F50185 Decal | RS7200
F50186 Decal | Calibration RS7200
F50187 Decal | Warning - Pinch Point
F50188 Decal | Gear Selection
F50189 Decal | Warning - Belt Cover
F50190 Decal | 100 hr Oil Change
F50191 Anti-Skid Brake Pedal Pad
F50196 Washer | 1/4" Rubber
F50198 Wire | 18-Gauge Black
F50199 Actuator Rod | Side Deflector
F50200 Wire Harness | RS7200
F50201 Cable Tie | 12"
F50202 Cable Tie | 6"
F50203 Sleeve Netting | Black
F50205 Spacer | 1/4" X 1/2" X 1/4"

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Key to Parts

F50206 Washer | 1" Thin
F50207 E-Clip | 1" Shaft
F50208 Keystock | 1/4" X 2"
F50209 Nut | 1" Slotted Hex Zinc
F50213 Safety Clip
F50214 Belt | Drive
F50215 Belt | Spinner/Pump
F50217 Cable | Valve
F50218 Muffler Deflector Screw
F50219 Decal | Spot Sprayer
F50220 Bolt | 1/2"-13 X 1" Button Head
F50221 Nut | #10-24 Nylox
F50239 Side Deflector | 12" X 6-1/2" Plastic
F50276 Foam Backer
F50279 Side Foam Protector
F50297 E-Clip | Hopper
F50300 Cable | Main Gate with Eyelet
F50320 Spring | Side Deflector
F50321 Spring Pin | 5/32" X 1"
F50322 Machine Screw | #8-32 5/8"
F50323 Washer | #8 Flat Washer
F50324 Bottle | 32oz.
F50333 Side Deflector Latch Bracket
F50337 Hose Barb | 11/16 Nozzle Thread X 3/8"
F50499 Spray Nozzle | 0.25 GPM Fan
F50500 Spray Nozzle | 0.30 GPM Fan
F50519 Check Valve | 1/4" Nozzle Cap
F50547 Bolt | 3/8"-16 X 2" Hex Head
F50556 Shaft Coupler | 2 Piece RS7200
F50591 Hook & Loop Square
F50682 Adjustable Handle | 5/16"-18 X 1"
F50685 Washer | 3/8" X 1-1/2" Fender
F50786 Keystock | 3/16" X 1-3/4"
F50802 Knob | 3/8"-16
F50880 Rubber Bumper
T14150 Main Frame | RS7200
T14151 Handle Assembly | RS7200
T15016 Nut | 1/4"-20 Nylox
T15017 Washer | 5/16" Flat Nylon
T15018 Nut | 5/16"-18 Nylox
T15050 Bolt | 5/16"-18 X 1-1/2" Hex Head
T15091 Gate Slide Stop Nut Plate
T15096 Nut | 1/4"-20 Hex
T20105 Line Strainer | 1/2" Clear Bowl
T20117 Hose Barb | 3/8" Male Thread X 3/8 90°
T20119 Hose Barb | 1/2" Male Thread X 1/2"
T20121 Tee | 1/2" Male Thread X 1/2" HB X 1/2" HB
T20136 Washer | Garden Hose
T30726 Bolt | 1/4"-20 X 1-1/2" Hex Head
T30728 Nut | 3/8"-16 Nylox
T30739 Nut | 3/4"-16 Slotted Hex Zinc

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Warranty – RS7200

Limited Warranty

TrynEx International warrants under the brand name TurfEx the TurfEx Model RS7200 for a period of two (2) years from the date of purchase (except for the engine and drive transmission), including TrynEx Genuine Parts and labor, against defects in materials or workmanship under normal use and service subject to the limitations detailed below. The Peerless drive transmission will be warranted for one (1) year against defect in materials or workmanship under normal use and service subject to the limitations detailed below. The warranty period will begin on the date of purchase by the original purchaser – for engines refer to the separate manufacturer's warranty.

This warranty applies to the original purchaser only and does not cover damages caused by improper installation, misuse, lack of proper maintenance, alterations or repairs made by anyone, including Authorized TurfEx Dealers and/or TurfEx personnel. Due to the corrosive properties of the materials being dispensed by spreaders and sprayers, TurfEx does not warrant against damage caused by corrosion. Warranty claims by the user must be made to an Authorized TurfEx Dealer and/or the respective authorized engine dealer. Unless otherwise authorized by TurfEx, TurfEx reserves the right to determine if any TurfEx part is defective and to repair such part/parts as it elects.

Items Not Covered

This warranty does not cover the following:

Pickup and delivery charges from any authorized TurfEx dealer.
Any damage or deterioration due to normal use, wear and tear, or exposure.
Cost of regular maintenance service or parts, such as; tires, belts, cables, spinners, filters, fuel, lubricants, tune-up parts, and adjustments.
Any product or part which has been altered or misused or required replacement or repair due to normal wear.
Any repairs necessary due to use of parts, accessories or supplies, including gasoline, oil or lubricants, spreading materials or spraying liquids, incompatible with the equipment or other than as recommended in the operator's manual or other operational instructions provided by TurfEx.
This warranty does not cover shipping costs of defective parts to or from the Distributor/Dealer.

Limitation of Liability

TurfEx, TrynEx International, or any company affiliated, makes any warranties, representations, or promises as to the performance or quality other than what is contained herein. The liability of TurfEx to the purchaser for damages arising out of the manufacture, sale, delivery, use, or resale of this product shall be limited to and shall not exceed the costs of repair or replacement of defective parts. TurfEx, TrynEx International, or any company affiliated shall not be liable for the loss of use, inconvenience, or any other incidental, indirect, or consequential damages.

NO DISTRIBUTOR OR DEALER HAS THE AUTHORITY TO MAKE ANY REPRESENTATIONS AND/OR PROMISES ON BEHALF OF TURFEX OR TRYNEX INTERNATIONAL OR ITS COMPONENT MANUFACTURERS TO ALTER AND/OR MODIFY THE TERMS AND/OR LIMITATIONS OF THIS WARRANTY IN ANY WAY.

Owner's Responsibility

- TurfEx Warranty Procedure - To obtain warranty service, return defective equipment to an Authorized TurfEx Dealer during the respective warranty period. Repair or replacement of parts, components and/or unit shall be performed by such dealer after inspection and determination that the warranty applies. Only TrynEx genuine parts must be used to keep the warranty in force.
- Properly maintain and safely operate and store their TurfEx equipment.
- Due to the extremely corrosive nature of the materials being applied, it is the owner's responsibility to keep the product clean and free of these materials after use.
- Properly maintain belts, tires, filters, lubrication levels, and mechanical drives and delivery systems.
- Use the proper spreading materials for each model of spreader (spreading material should be free-flowing for best results).
- Do not store spreading materials in the spreader.
- Do not store liquids in the sprayer tanks.

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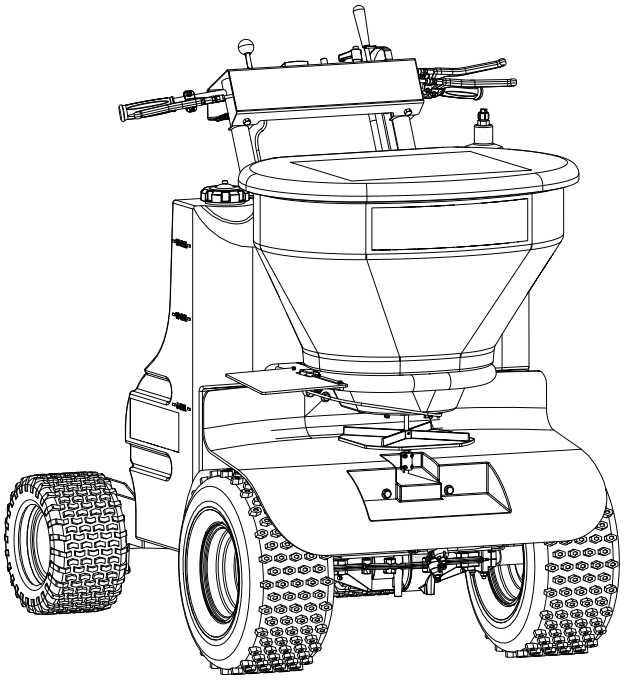
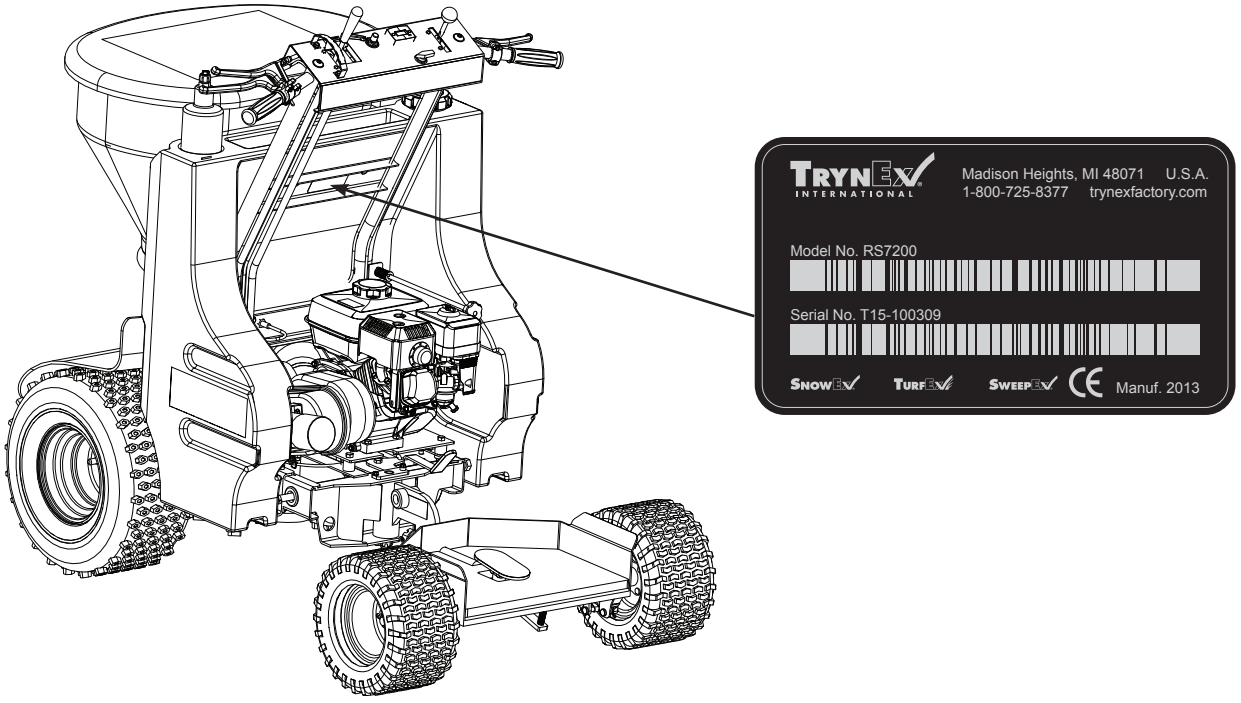
Assembly Views

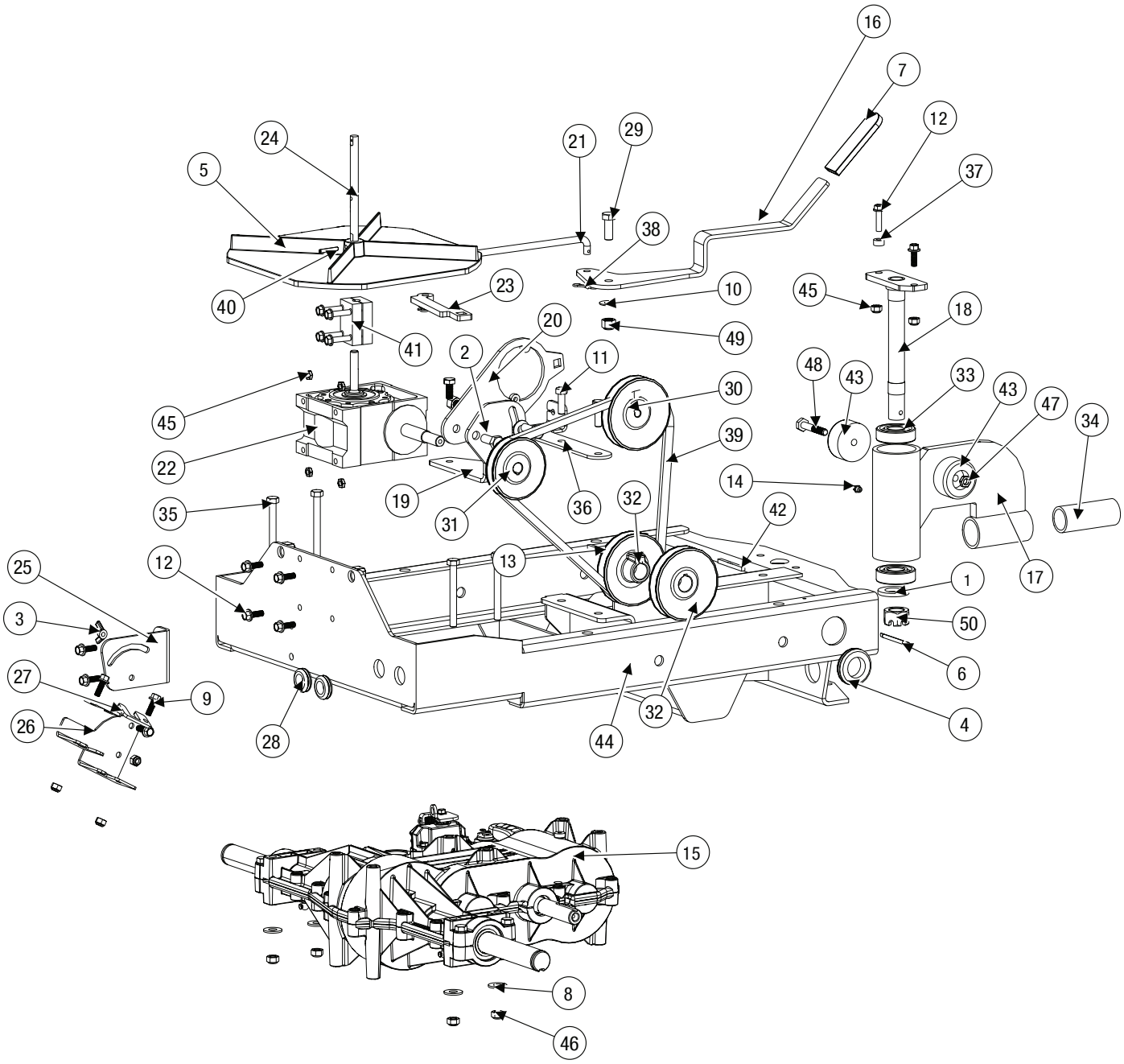
Model # RS7200





Main Frame Parts Breakdown

Model # RS7200



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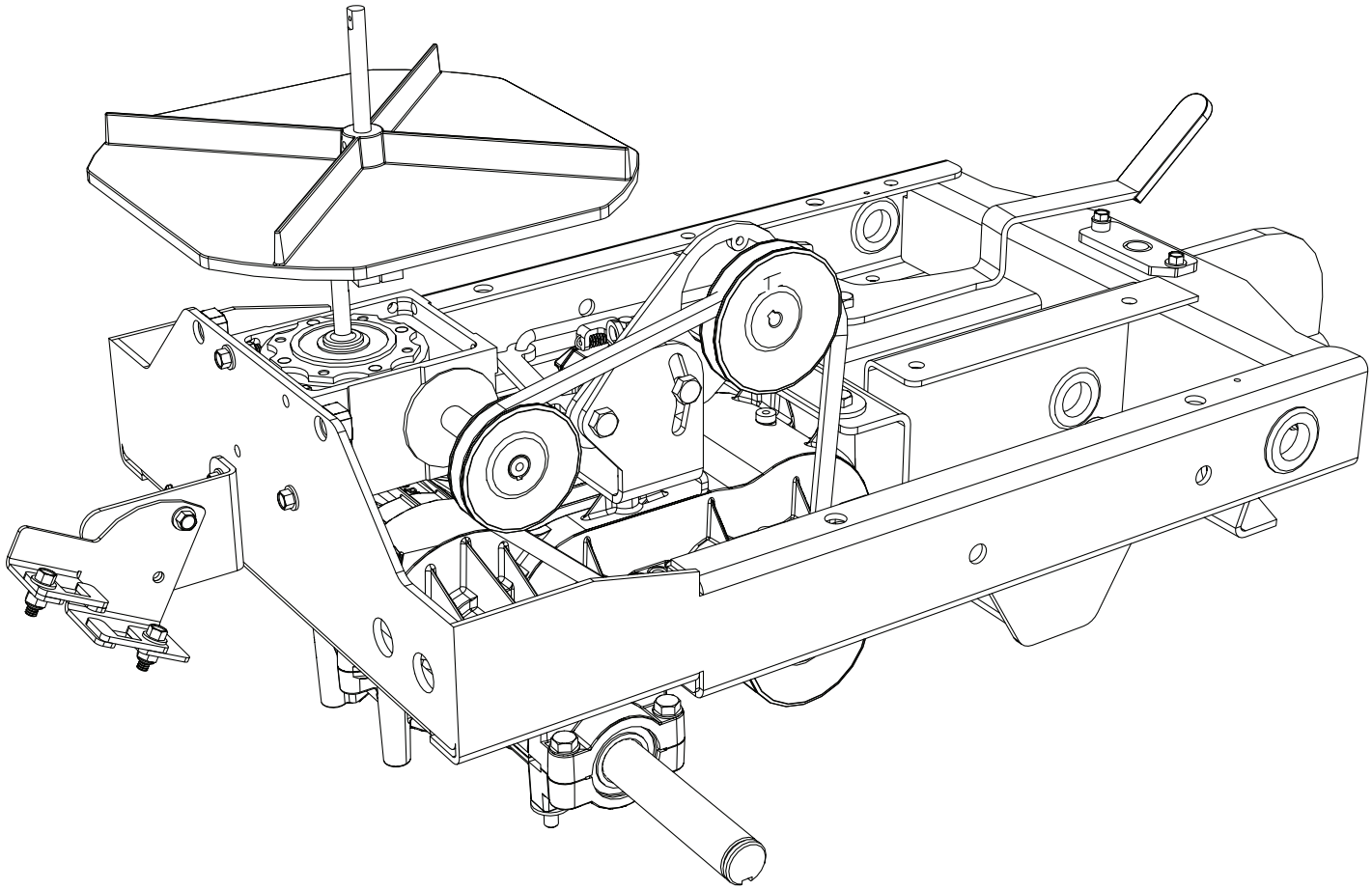
Main Frame Parts Breakdown

Model # RS7200



ID #	Part #	Qty
1	D4409	1
2	D5209	2
3	D5583	1
4	D5602	5
5	D5902	1
6	D5919	1
7	D5929	1
8	D5949	4
9	D6132	7
10	D6169	2
11	D6418	2
12	D6854	9
13	D6873	2

ID #	Part #	Qty
14	D6983	2
15	F50048	1
16	F50050	1
17	F50058	1
18	F50060	1
19	F50061	1
20	F50062	1
21	F50065	1
22	F50066	1
23	F50068	1
24	F50085	1
25	F50092	1
26	F50094	1

ID #	Part #	Qty
27	F50095	2
28	F50109	2
29	F50110	3
30	F50115	1
31	F50116	1
32	F50122	2
33	F50142	2
34	F50144	1
35	F50151	4
36	F50177	1
37	F50205	1
38	F50213	2
39	F50215	1

ID #	Part #	Qty
40	F50321	1
41	F50556	1
42	F50786	1
43	F50880	2
44	T14150	1
45	T15016	11
46	T15018	4
47	T15096	5
48	T30726	1
49	T30728	3
50	T30739	1

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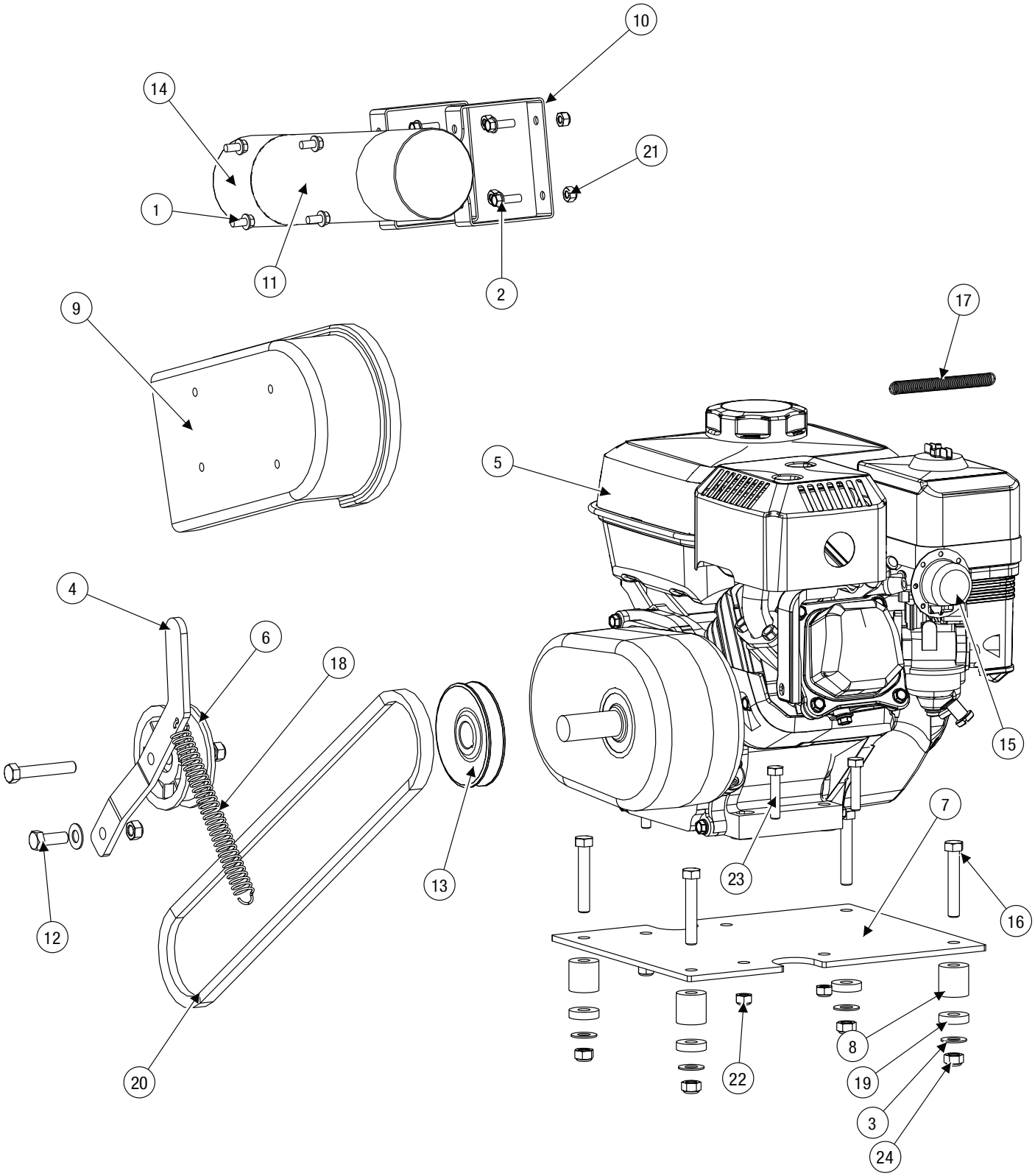
Engine Parts Breakdown

Model # RS7200



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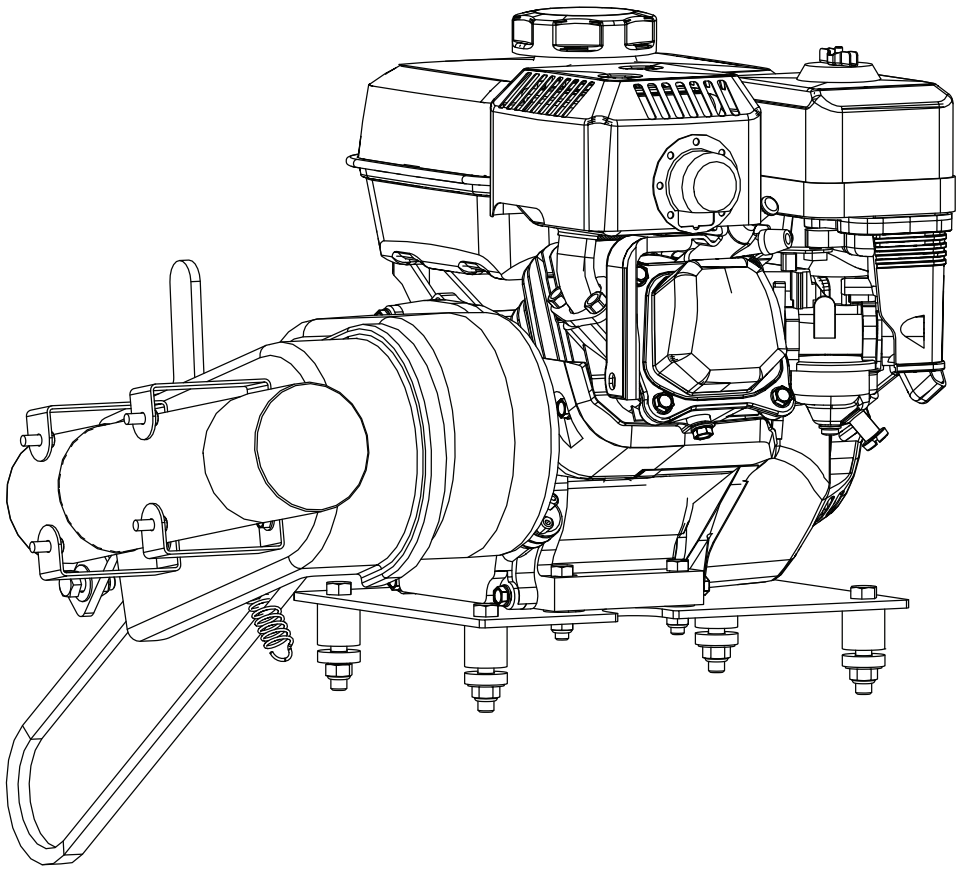
Engine Parts Breakdown

Model # RS7200



ID #	Part #	Qty
1	D6131	4
2	D6132	4
3	D6169	6
4	F50043	1
5	F50049	1
6	F50056	1
7	F50057	1

ID #	Part #	Qty
8	F50069	4
9	F50087	1
10	F50088	2
11	F50090	1
12	F50110	1
13	F50117	1
14	F50123	2

ID #	Part #	Qty
15	F50134	1
16	F50150	5
17	F50180	1
18	F50181	1
19	F50196	4
20	F50214	1
21	T15016	4

ID #	Part #	Qty
22	T15018	4
23	T15050	4
24	T30728	6

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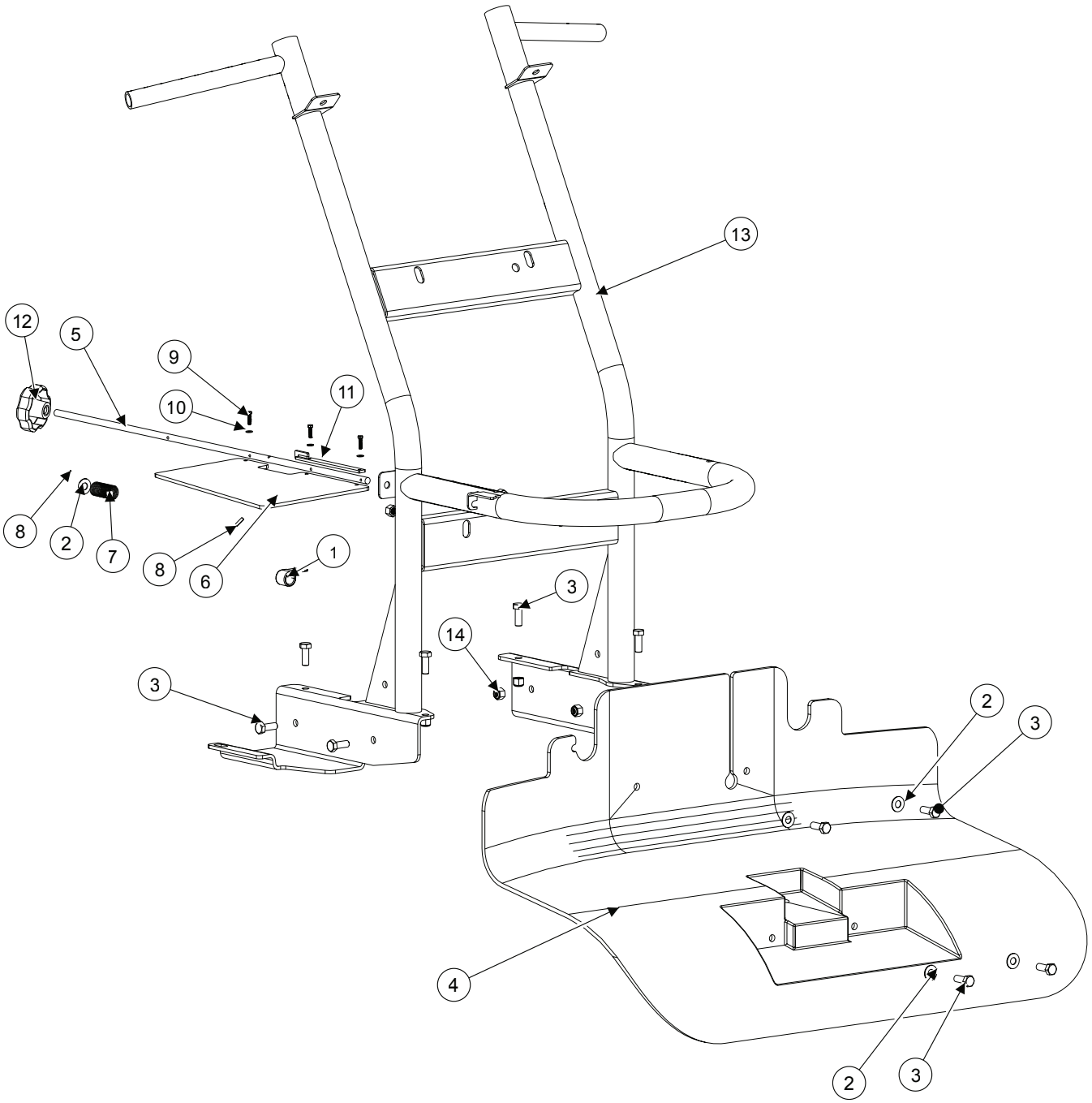
Handle Parts Breakdown

Model # RS7200



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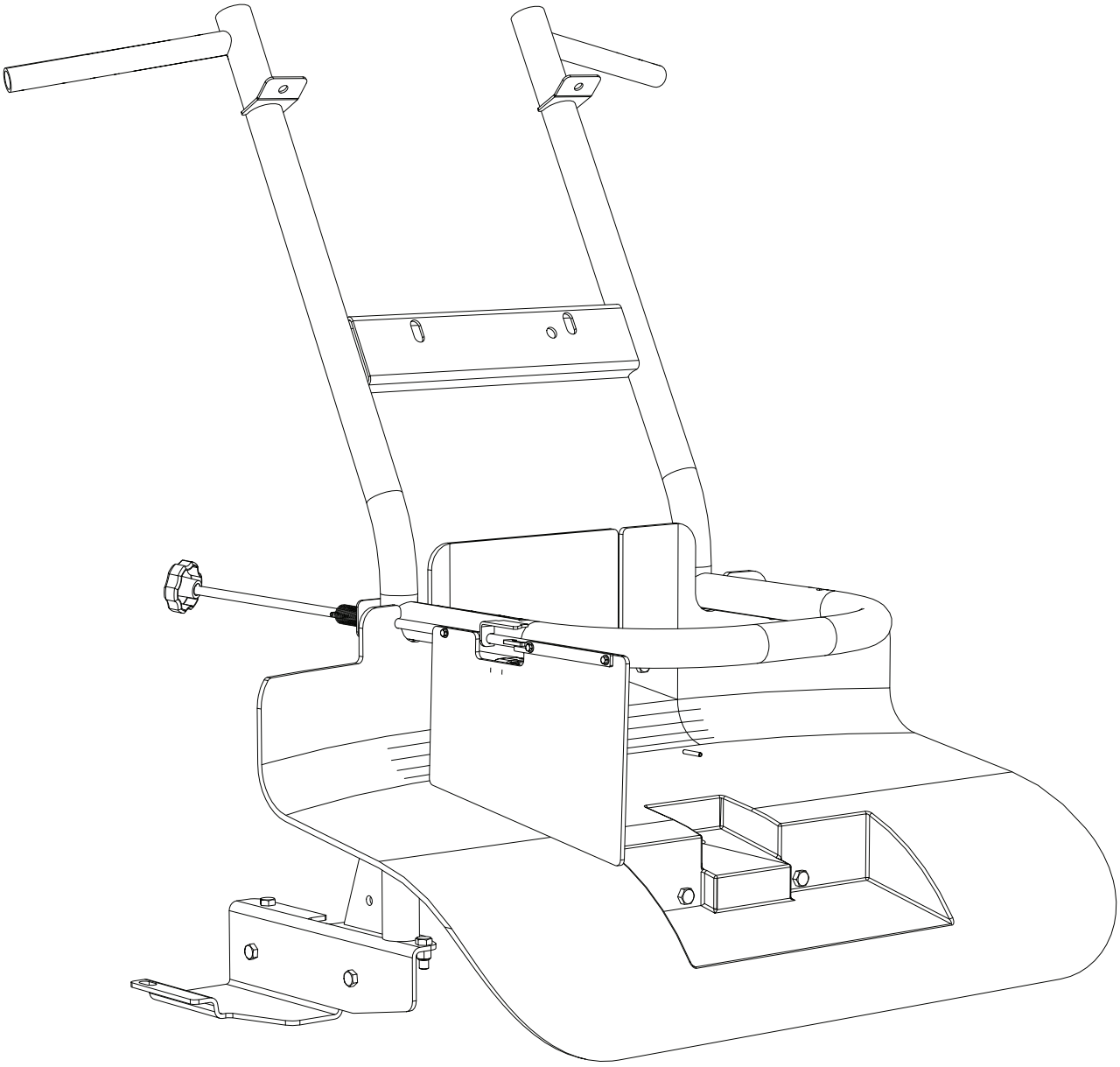
Handle Parts Breakdown

Model # RS7200



ID #	Part #	Qty
1	D5339	1
2	D6169	5
3	F50110	12
4	F50120	1
5	F50199	1
6	F50239	1
7	F50320	1

ID #	Part #	Qty
8	F50321	2
9	F50322	3
10	F50323	3
11	F50333	1
12	F50802	1
13	T14151	1
14	T30728	10

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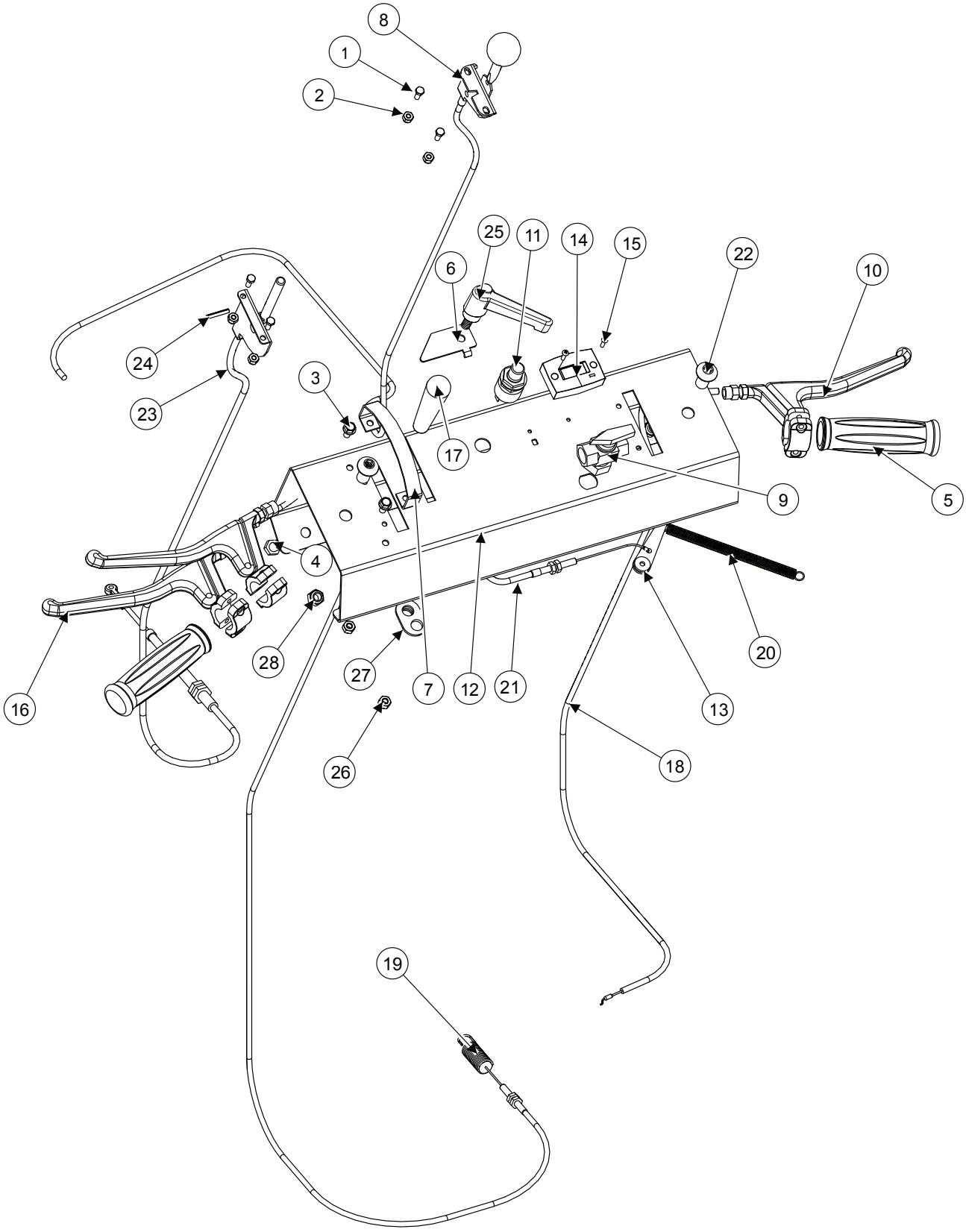
Dashboard Parts Breakdown

Model # RS7200



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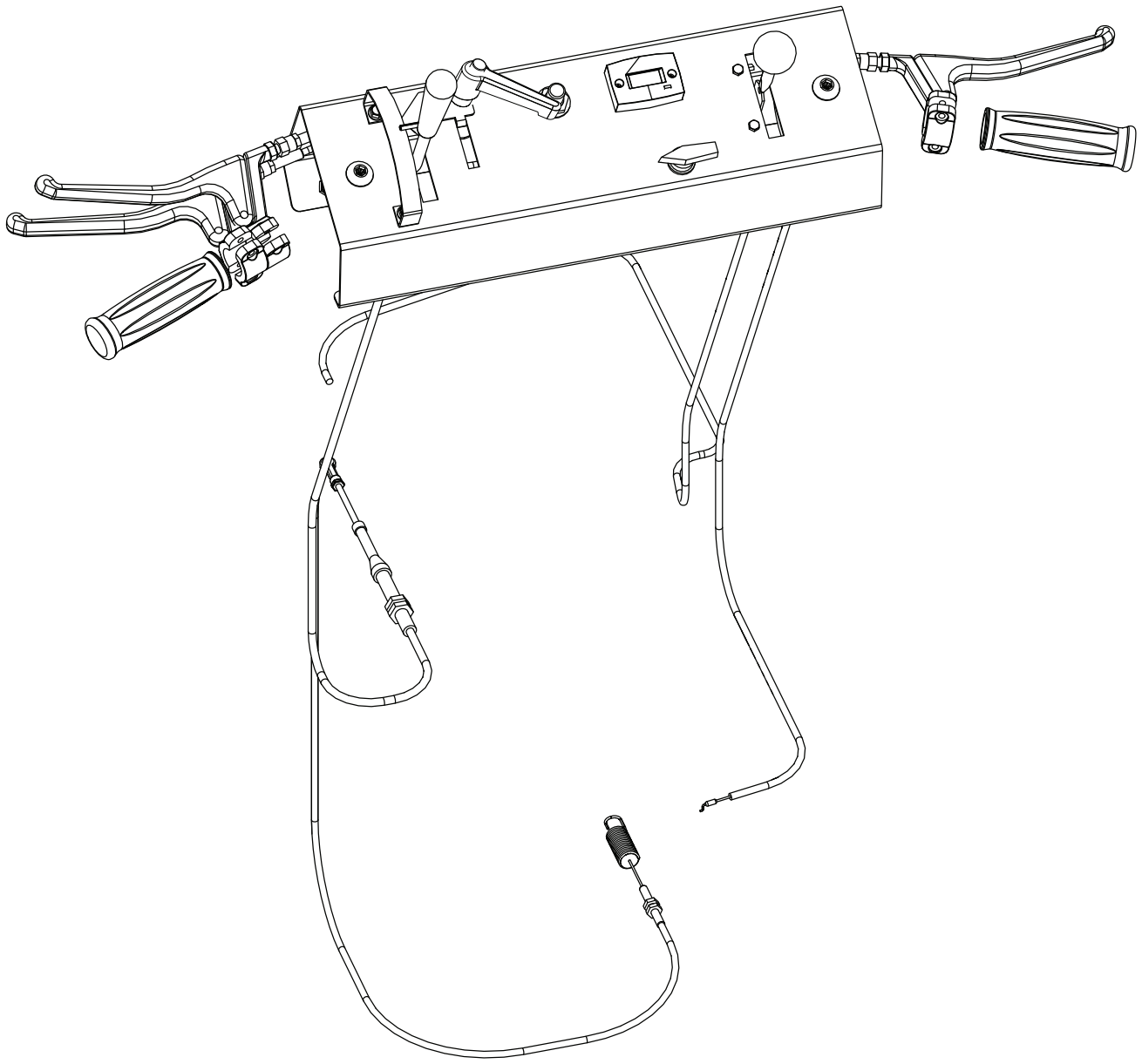
Dashboard Parts Breakdown

Model # RS7200



ID #	Part #	Qty
1	D5905	4
2	D5948	4
3	D6131	2
4	D6978	2
5	F50054	2
6	F50096	1
7	F50097	1

ID #	Part #	Qty
8	F50100	1
9	F50104	1
10	F50114	1
11	F50119	1
12	F50129	1
13	F50132	1
14	F50140	1

ID #	Part #	Qty
15	F50152	2
16	F50173	2
17	F50174	1
18	F50175	1
19	F50176	1
20	F50182	1
21	F50217	1

ID #	Part #	Qty
22	F50220	2
23	F50300	1
24	F50321	1
25	F50682	1
26	T15016	2
27	T15091	1
28	T30728	2

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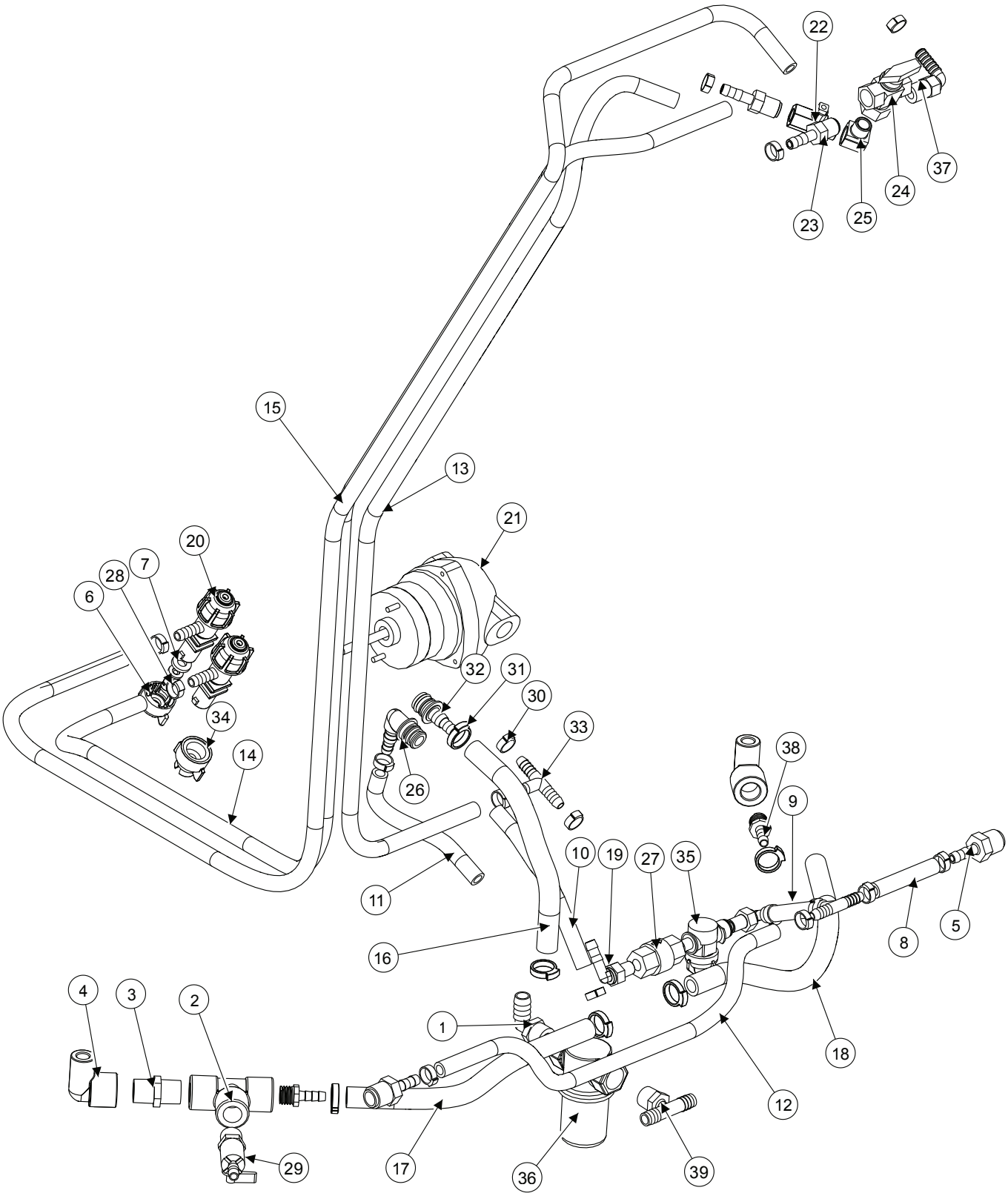
Plumbing Parts Breakdown

Model # RS7200



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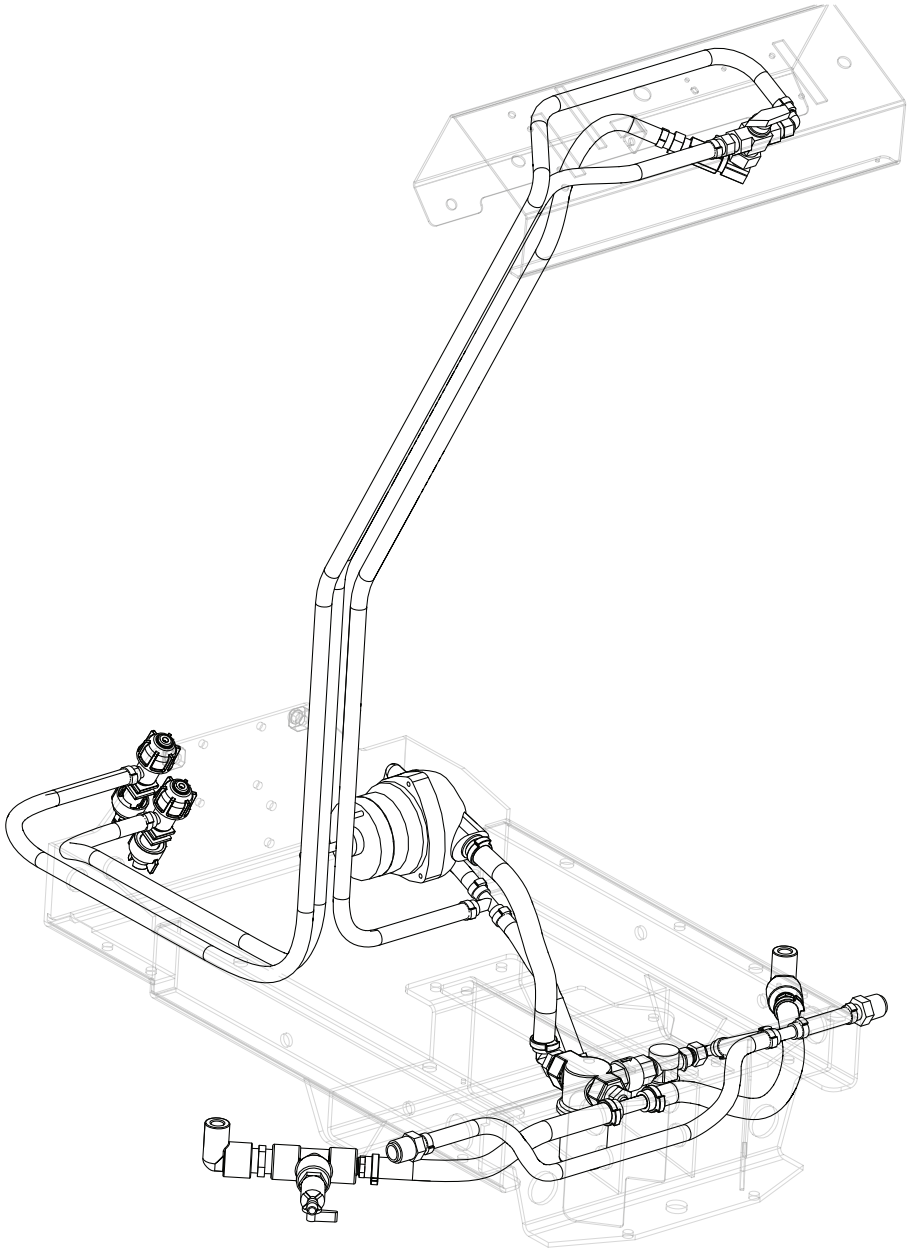
Plumbing Parts Breakdown

Model # RS7200



ID #	Part #	Qty
1	D5329	1
2	D5355	1
3	D6920	1
4	D6923	2
5	D6929	2
6	D6957	1
7	D6961	1
8	D6988-3	1
9	D6988-4	1
10	D6988-7	1

ID #	Part #	Qty
11	D6988-7.5	1
12	D6988-20	1
13	D6988-50	1
14	D6988-60	1
15	D6988-80	1
16	D6989-9.5	1
17	D6989-10.5	1
18	D6989-15	1
19	F50013	2
20	F50015	2

ID #	Part #	Qty
21	F50063	1
22	F50093	1
23	F50103	2
24	F50104	1
25	F50105	1
26	F50121	1
27	F50133	1
28	F50136	1
29	F50138	1
30	F50145	16

ID #	Part #	Qty
31	F50146	6
32	F50147	1
33	F50148	2
34	F50499	1
35	F50519	1
36	T20105	1
37	T20117	1
38	T20119	2
39	T20121	1

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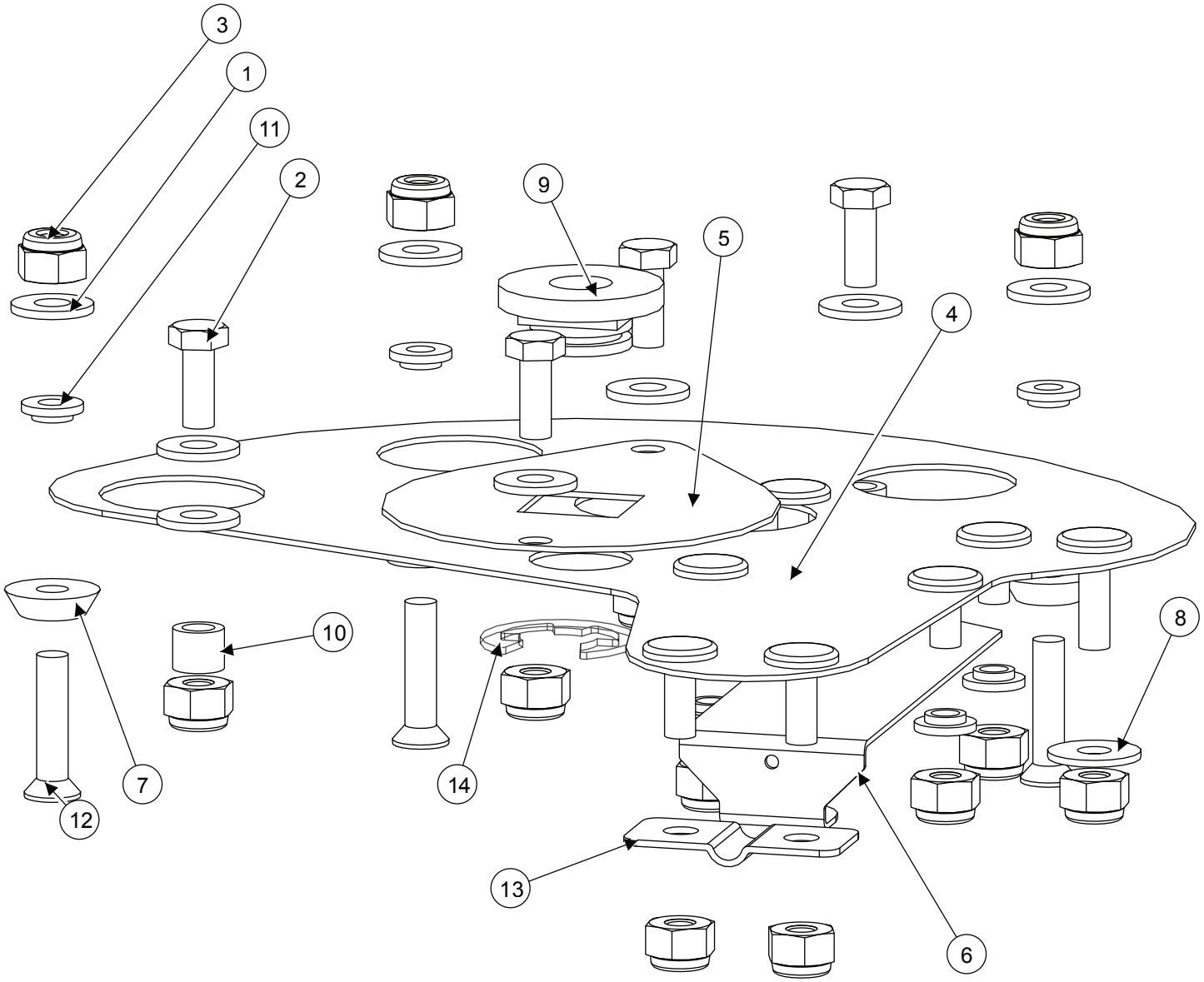
Gate Parts Breakdown

Model # RS7200



Complete Gate Assembly
F50466

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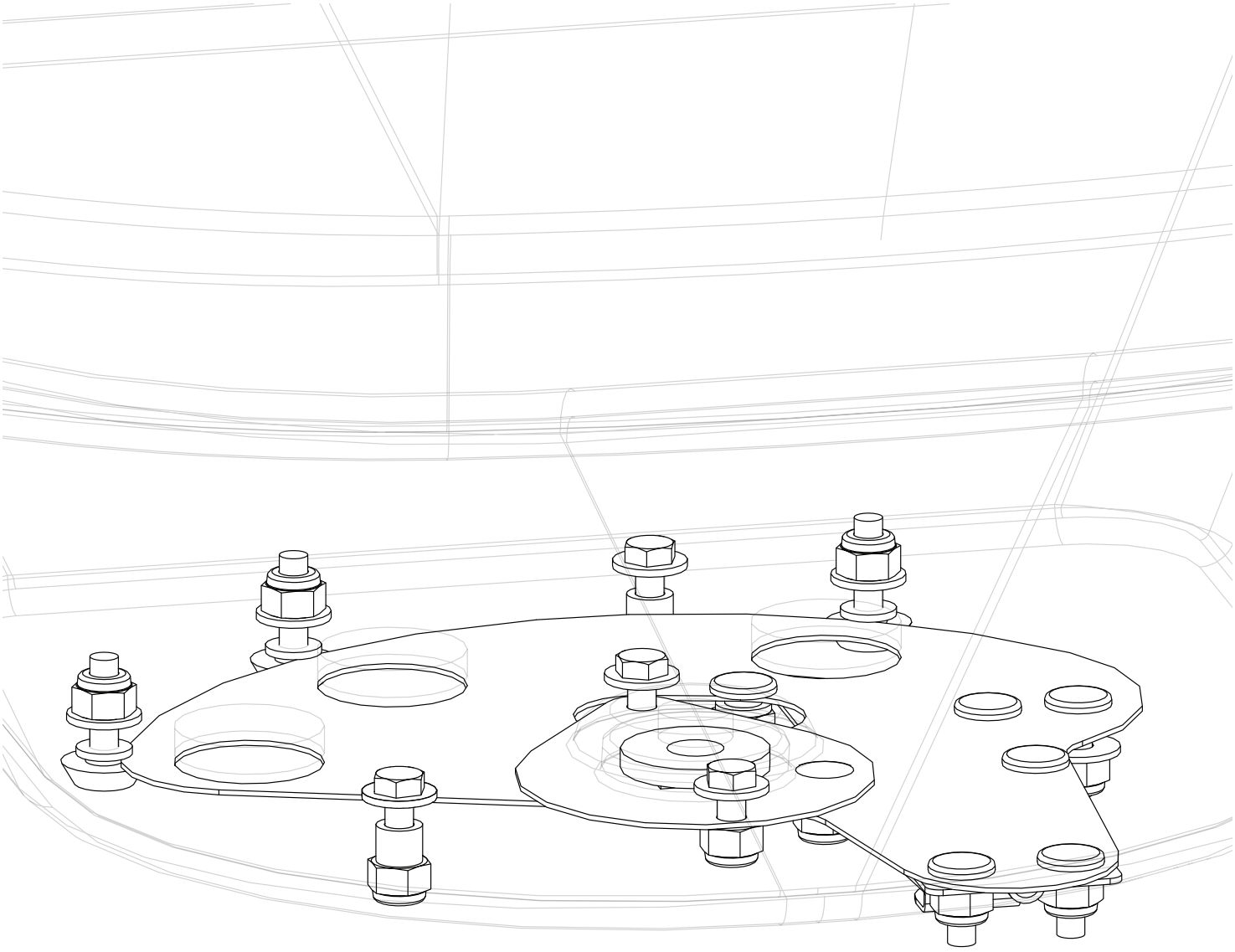
Gate Parts Breakdown

Model # RS7200



Complete Gate Assembly
F50466

ID #	Part #	Qty
1	D5292	8
2	D5905	4
3	D5948	14
4	F50051	1

ID #	Part #	Qty
5	F50052	1
6	F50053	1
7	F50124	3
8	F50125	1

ID #	Part #	Qty
9	F50126	1
10	F50127	2
11	F50128	7
12	F50143	3

ID #	Part #	Qty
13	F50178	1
14	F50297	1

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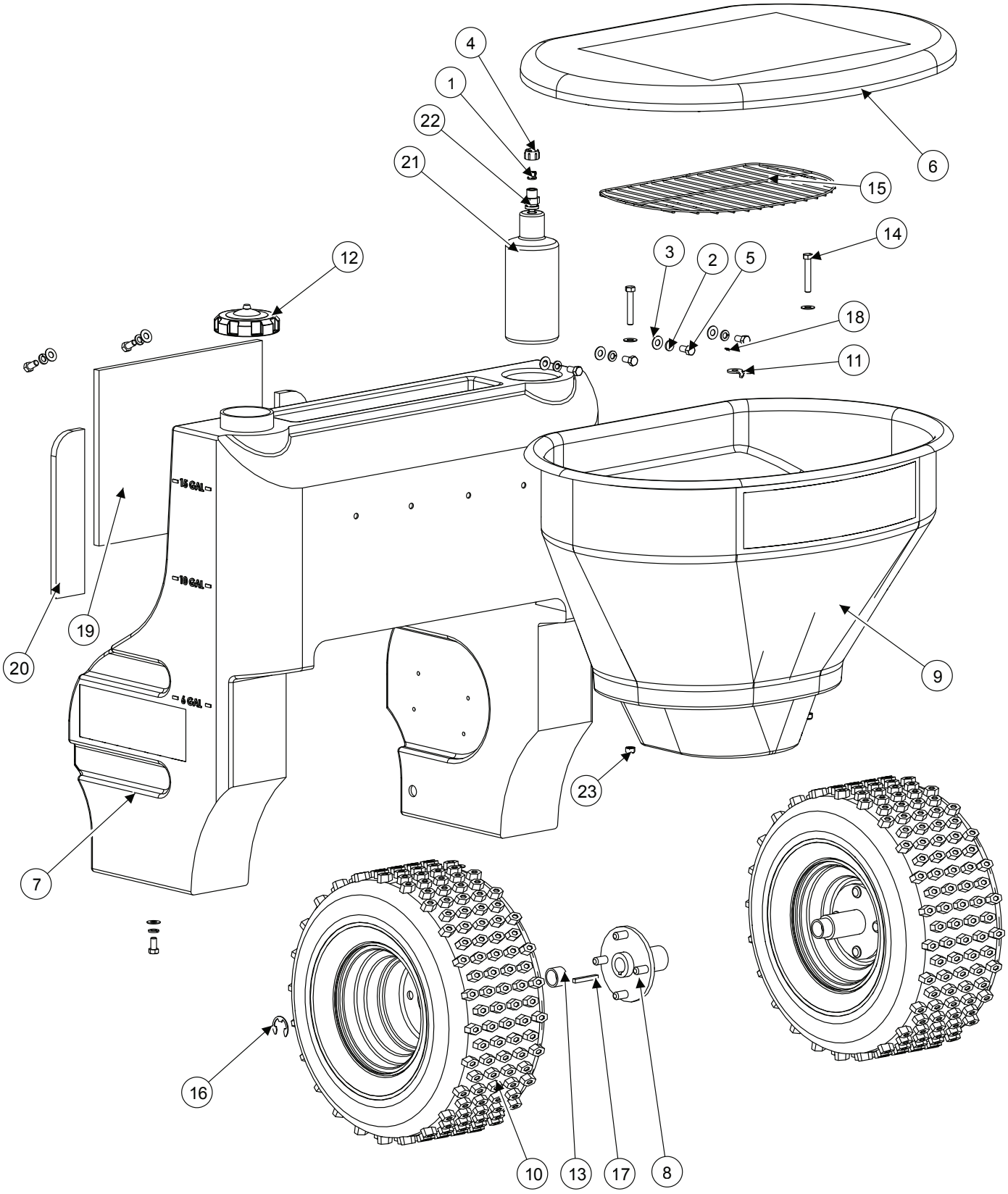
Hopper & Tank Parts Breakdown

Model # RS7200



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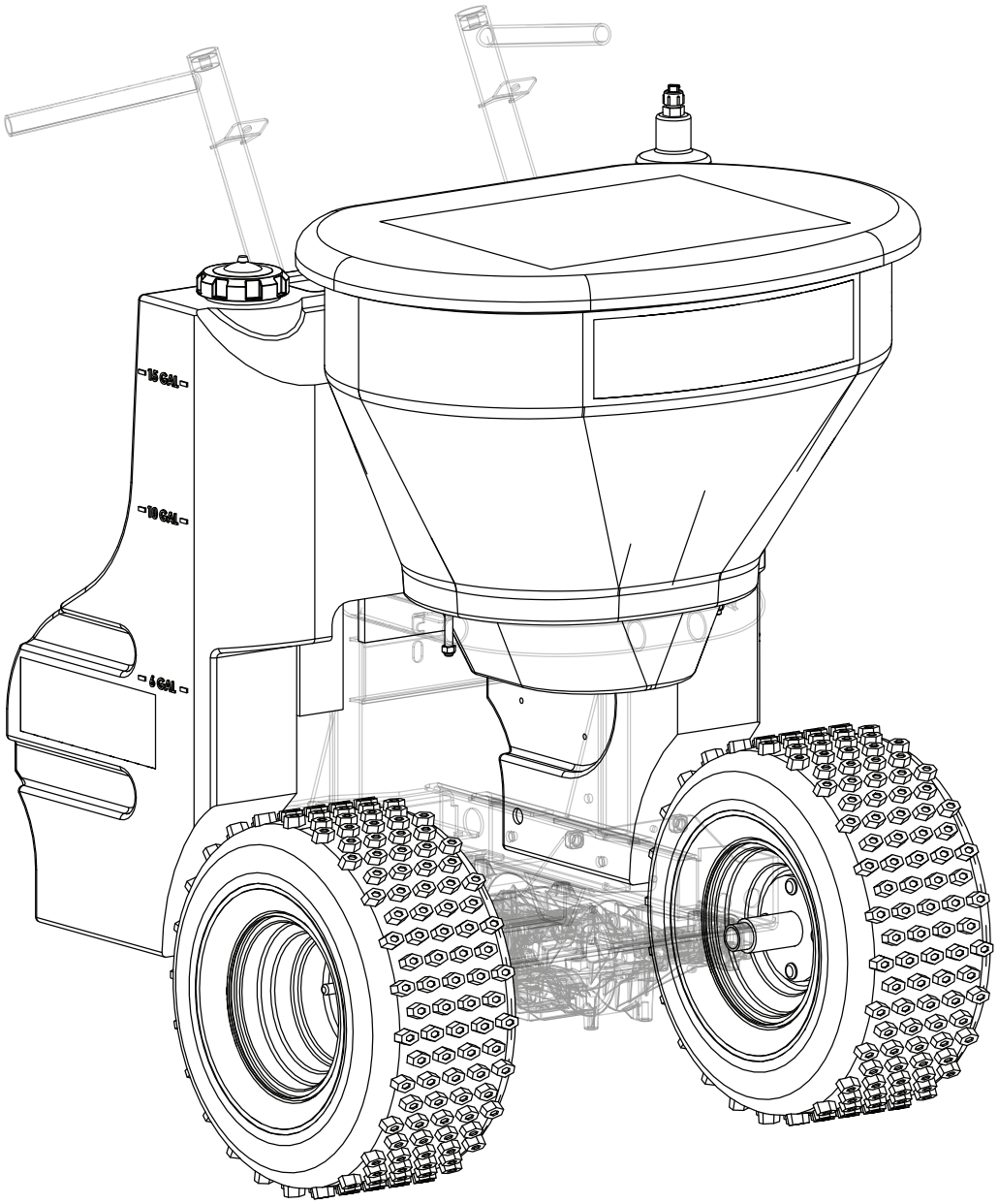
Hopper & Tank Parts Breakdown

Model # RS7200



ID #	Part #	Qty
1	D5232	1
2	D5336	8
3	D6169	10
4	D6953	1
5	D6978	8
6	D7291	1
7	F50045	1

ID #	Part #	Qty
8	F50047	2
9	F50055	1
10	F50059	2
11	F50084	1
12	F50102	1
13	F50130	2
14	F50150	2

ID #	Part #	Qty
15	F50179	1
16	F50207	2
17	F50208	2
18	F50213	1
19	F50276	1
20	F50279	2
21	F50324	1

ID #	Part #	Qty
22	F50337	1
23	T30728	2

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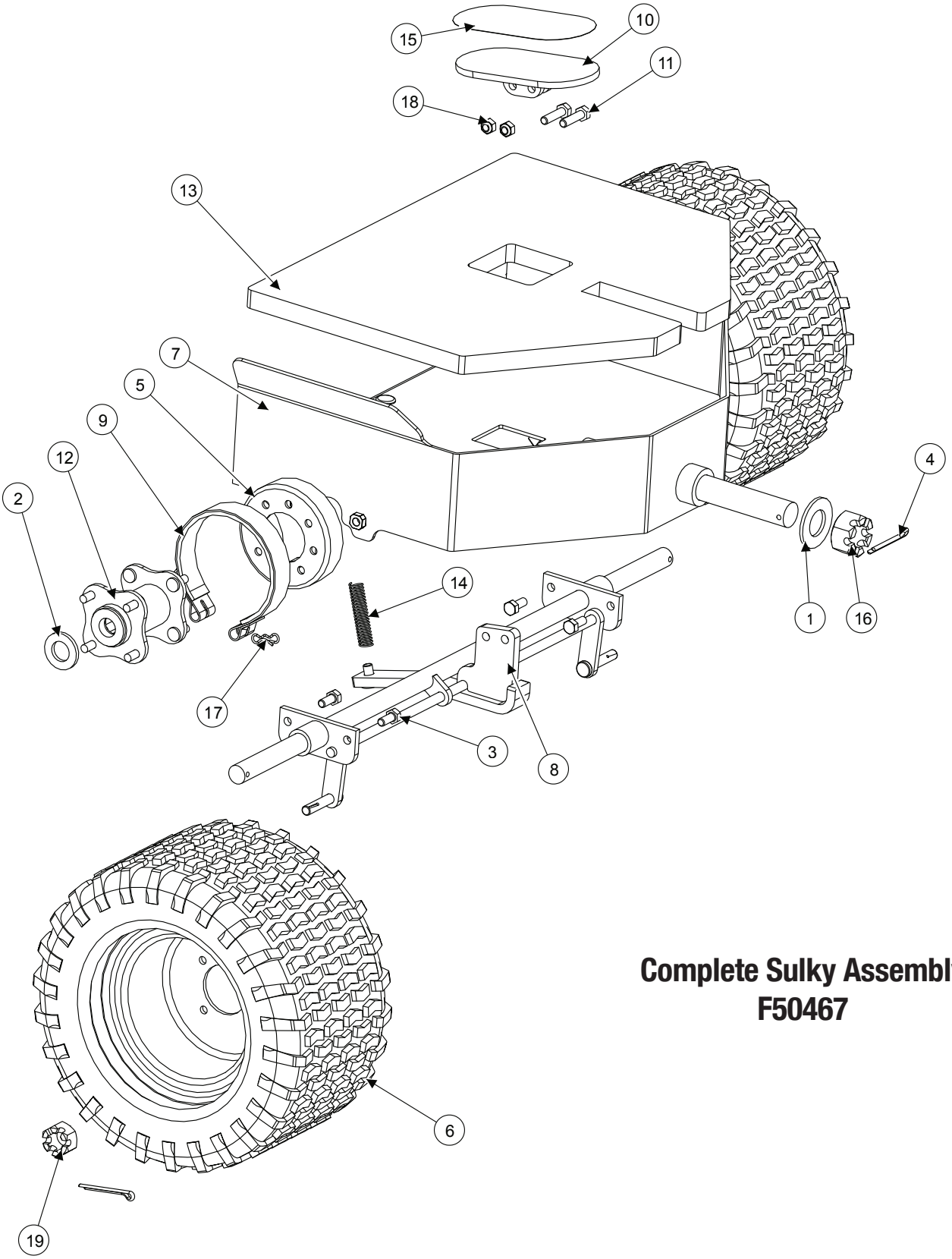
Sulky Parts Breakdown

Model # RS7200



Complete Sulky Assembly
F50467

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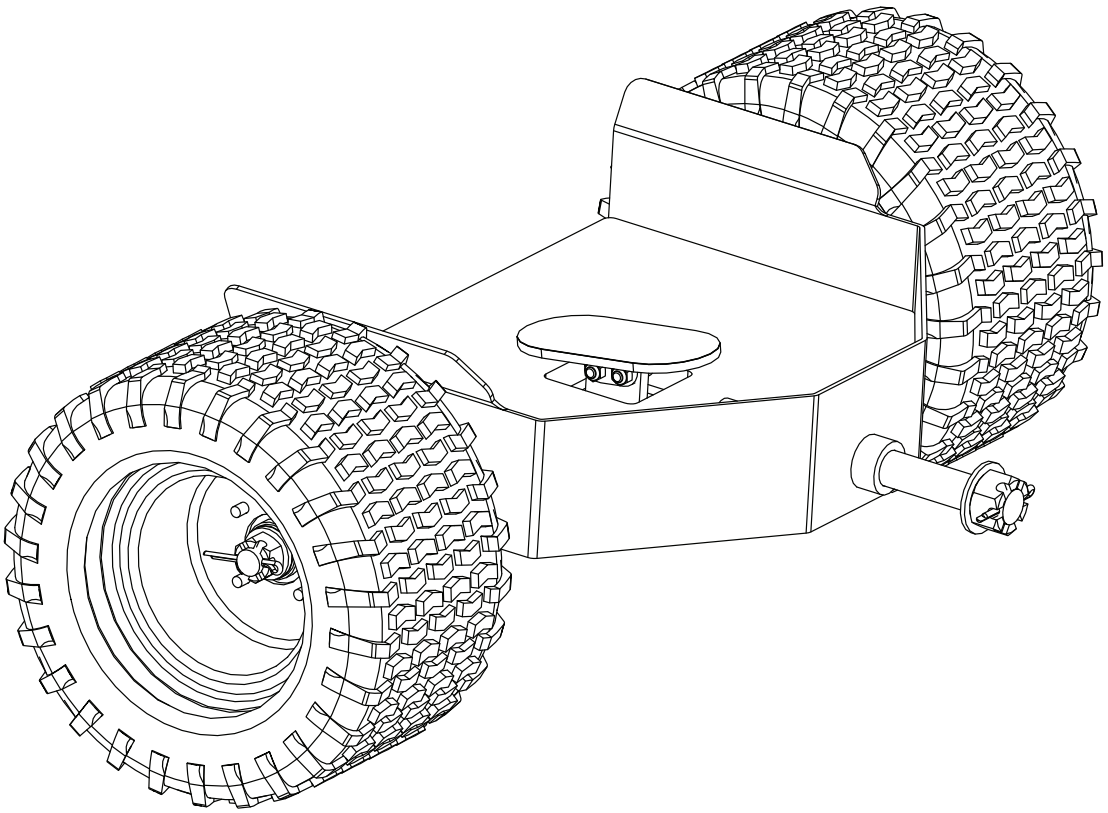
Sulky Parts Breakdown

Model # RS7200



Complete Sulky Assembly
F50467

ID #	Part #	Qty
1	D4321	1
2	D4409	2
3	D5209	4
4	D5919	3
5	F50046	2

ID #	Part #	Qty
6	F50064	2
7	F50070	1
8	F50071	1
9	F50072	2
10	F50073	1

ID #	Part #	Qty
11	F50112	2
12	F50131	2
13	F50141	1
14	F50183	1
15	F50191	1

ID #	Part #	Qty
16	F50209	1
17	F50213	4
18	T15018	2
19	T30739	2

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